U5880-3-F

Arizona Urban Health Needs Assessment

Marianne J. Remy, MPH

Rural Health Office
Department of Family and Community Medicine
University of Arizona College of Medicine
Tucson, Arizona

July, 1988

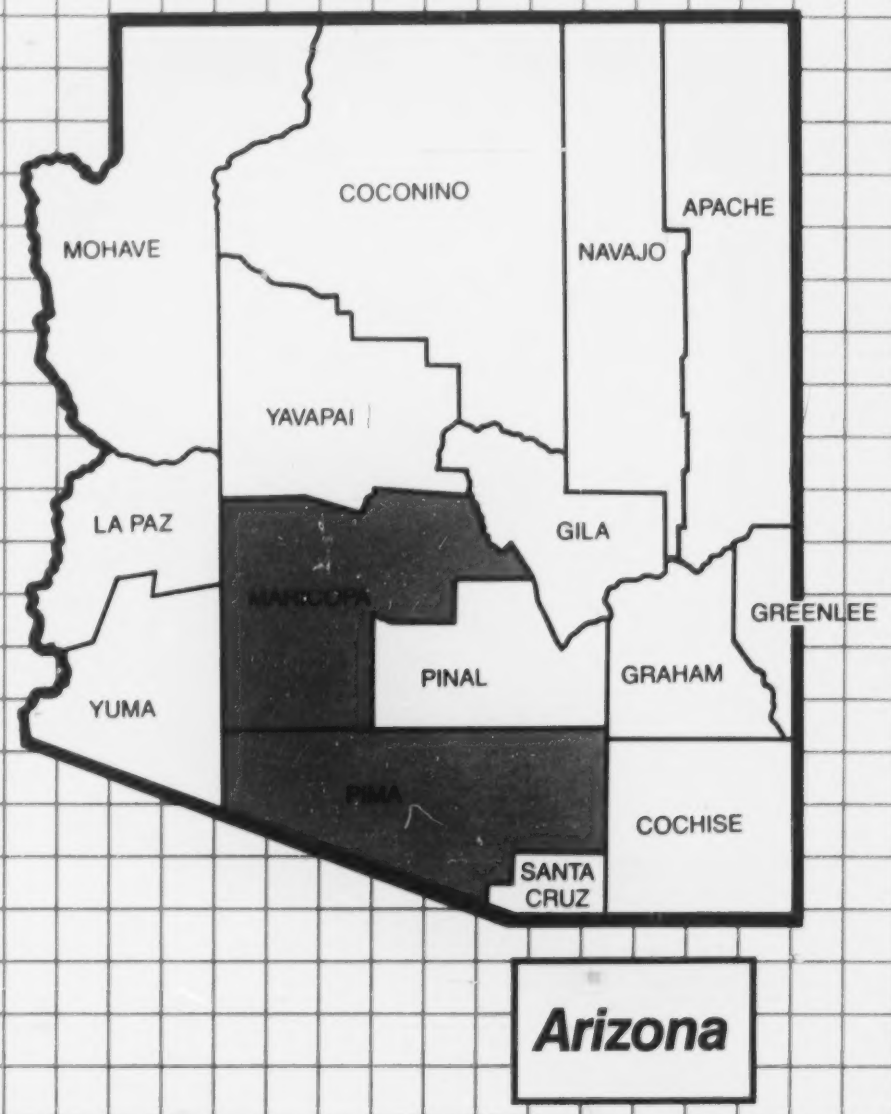
Arizona Urban Health Needs Assessment

Arizona Urban Health Needs Assessment

Marianne J. Remy, MPH

Rural Health Office
Department of Family and Community Medicine
University of Arizona College of Medicine
Tucson, Arizona

July, 1988



For additional copies please contact
Rural Health Office
3131 East 2nd Street
Tucson, Arizona 85716
(602) 626-7946

Arizona Urban Health Needs Assessment

Preface

It is a pleasure to play a part in the production of this, the second volume in a series of publications concerning primary care in Arizona. The first volume, an assessment of rural health needs, has been extremely well received and used as a resource in the identification of areas of high need in rural Arizona. We fully anticipate that this second volume will be equally useful in identifying needy urban areas.

Both of these projects have been sponsored by the Region IX Office of the U.S. Public Health Service and the Bureau of Health Care Delivery and Assistance in the Health Resources and Services Administration of the U.S.P.H.S.

In recent years, the Rural Health Office has become one of several players involved in participating in a primary care strategy for Arizona. The Rural Health Office, the Arizona Department of Health Services, and the Arizona Association of Community Health Centers coordinate their efforts through a cooperative agreement between the State and Federal governments. A Primary Care Working Partnership composed of these three parties and other Federal and State Supported programs, as well as private sector representatives, meets on a bi-monthly basis.

Marianne Remy is primarily responsible for the contents of the current volume and should be recognized accordingly. Ms. Remy has taken leadership in developing computer mapping techniques which have brought the Rural Health Office to a new level of sophistication in its capacity to illustrate demographic data. It is through this internal capability that we are able to bring you a quality document at reasonable cost. We hope that you will find it useful for many years.

Andrew W. Nichols, M.D., M.P.H.
Professor and Director,
Rural Health Office and
Arizona Area Health Education Center
University of Arizona College of Medicine

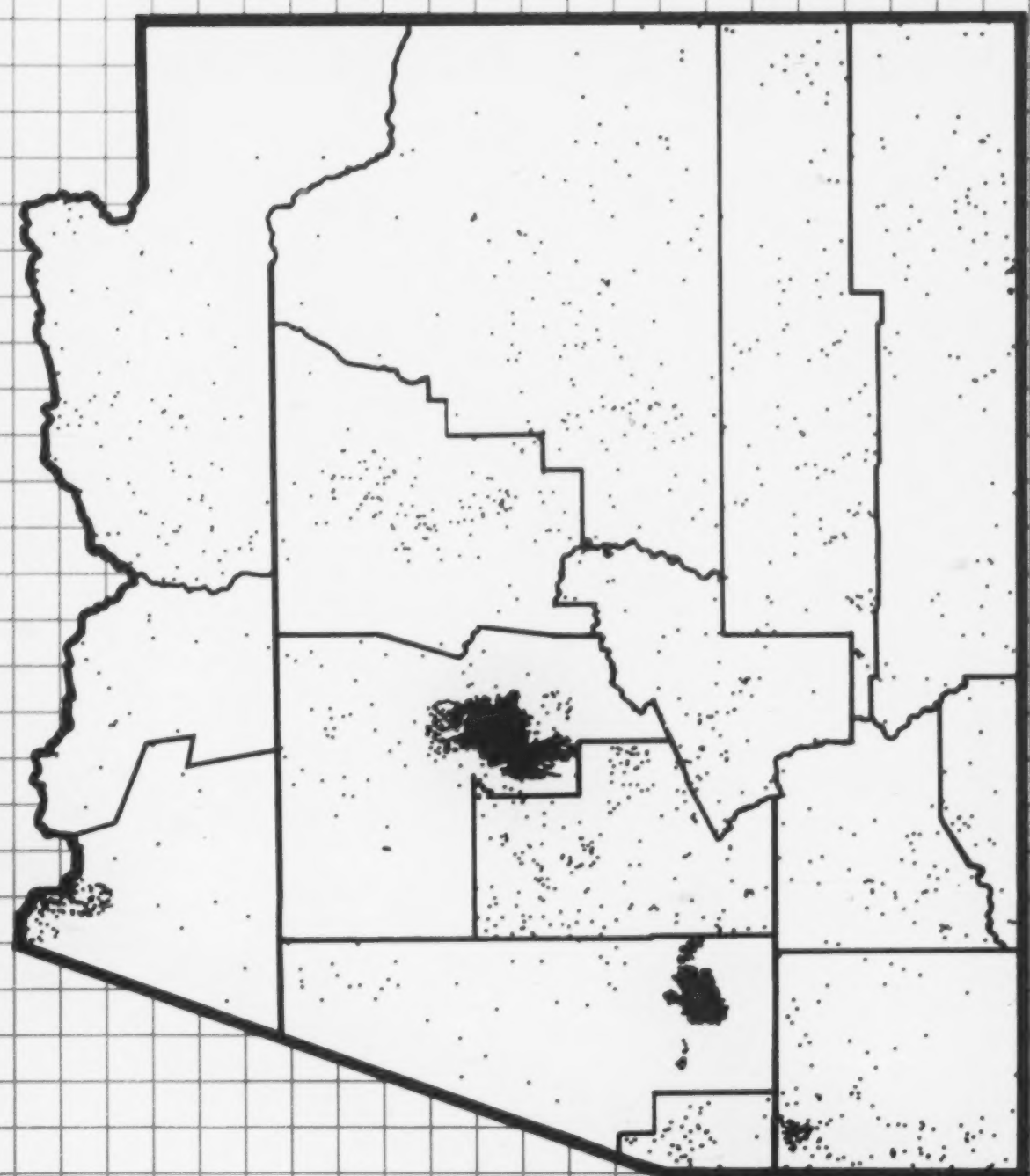
Acknowledgements

The author gratefully acknowledges substantial contributions by Melanie deBoer and Paul LaBrec, both of the University of Arizona Rural Health Office. Their participation in data retrieval and management was a central component of this study. Antonio Estrada, also of the Rural Health Office, provided valuable data-related assistance as needed, as did Linda Drew of the University of Arizona Computer Center.

Staff members of the Rural Health Office who assisted with the production of the report included Cheryl Alcala and Lynda Bergsma. The design, layout, and typography for this report was done by the Division of Biomedical Communications, Arizona Health Sciences Center.

Special appreciation is extended to the Arizona Primary Care Working Partnership, without which this report would not have been possible. The Arizona Primary Care Working Partnership, chaired by Stan Kleiner of the Arizona Department of Health Services, is a statewide, multi-agency consortium which has the responsibility of planning and implementing primary care activities in the state. This group facilitated the development of this assessment and will base future activities on these results.

Research for this report was supported through a cooperative agreement between the U.S. Department of Health and Human Services, Public Health Service and the Arizona Department of Health Services, the Arizona Association of Community Health Centers, and the University of Arizona Rural Health Office.



ARIZONA POPULATION DISTRIBUTION

Total Population
1 Dot = 500 Persons
Source: 1980 Census

MAP 1

List Of Maps

List Of Maps

1. Arizona Population Distribution (1980) iii
2. Maricopa County - Population Distribution (1985) 3
3. Maricopa County - Age Adjusted Death Rates (Est., 1985) 4
4. Maricopa County - Percent of Low Birthweight Births (1981-1985) 5
5. Maricopa County - Percent of Births to Teens (1981-1985) 6
6. Maricopa County - Percent of Population Below Poverty (1985) 7
7. Maricopa County - Percent of Population 65 Years of Age and Older (1985) 8
8. Maricopa County - Percent of Black Population (1985) 9
9. Maricopa County - Percent of Indian Population (1985) 10
10. Maricopa County - Percent of Hispanic Population (1985) 11
11. Maricopa County - Primary Care Physician to Population Ratios (1985) 12
12. Maricopa County - Mid-Level Provider to Population Ratios (1985) 13
13. Maricopa County - Need for Health Care Services by Small Area 14
14. Pima County - Population Distribution (Est., 1985) 15
15. Pima County - Age Adjusted Death Rates (Est., 1981-1985) 16
16. Pima County - Percent of Low Birthweight Births (1981-1985) 17
17. Pima County - Percent of Births to Teens (1981-1985) 18
18. Pima County - Percent of Population Below Poverty (Est., 1985) 19
19. Pima County - Percent of Population 65 Years of Age and Older (Est., 1985) 20
20. Pima County - Percent of Black Population (Est., 1985) 21
21. Pima County - Percent of Indian Population (Est., 1985) 22
22. Pima County - Percent of Hispanic Population (Est., 1985) 23
23. Pima County - Primary Care Physician to Population Ratios (Est., 1985) 24
24. Pima County - Mid-Level Provider to Population Ratios (Est., 1985) 25
25. Pima County - Need for Health Care Services by Small Area 26

Table Of Contents

Introduction 1
Methodology 1
Maricopa County 3
- Population Distribution 3
- Age Adjusted Death Rates 4
- Percent of Low Birthweight Births 5
- Percent of Births to Teens 6
- Percent of Population Below Poverty 7
- Percent of Population 65 Years of Age and Older 8
- Percent of Black Population 9
- Percent of Indian Population 10
- Percent of Hispanic Population 11
- Primary Care Physician to Population Ratios 12
- Mid-Level Provider to Population Ratios 13
- Need for Health Care Services by Small Area 14

Pima County 15
- Population Distribution 15
- Age Adjusted Death Rates 16
- Percent of Low Birthweight Births 17
- Percent of Births to Teens 18
- Percent of Population Below Poverty 19
- Percent of Population 65 Years of Age and Older 20
- Percent of Black Population 21
- Percent of Indian Population 22
- Percent of Hispanic Population 23
- Primary Care Physician to Population Ratios 24
- Mid-Level Provider to Population Ratios 25
- Need for Health Care Services by Small Area 26

Conclusion 27
Appendix A - Data Table 29
Appendix B - Description of Census Areas 32

Table Of Contents

Introduction

Introduction

The *Arizona Urban Health Needs Assessment,* in combination with the *Arizona Rural Health Needs Assessment* (August, 1987), completes a statewide assessment of need for primary health care services in Arizona. The rural assessment presents an analysis of the thirteen counties in the state, excluding Pima and Maricopa counties. These two counties are designated Standard Metropolitan Statistical Areas (SMSA's) and are analyzed separately in this urban needs assessment.

The unique feature of both the rural and urban assessments is that health need indicators are evaluated by small geographic areas. The purpose of this report, as with its rural predecessor, is to identify geographic areas which appear to be in need of primary health care services. This format becomes a useful tool for those concerned with health services planning at the community level.

Methodology

The small area units which are used as the basis of analysis for this report are census tracts. Zip code areas, utilized for the rural assessment, were not used for the urban assessment because vital record data within metropolitan Phoenix and Tucson are not differentiated by zip code. Data used as the need indicators are readily available by individual census tracts.

In Phoenix and Tucson, census tracts are quite small so census tract groupings were made in order to allow for adequate data to make meaningful comparisons. In the case of larger or more rural census tracts, community names are assigned and the metropolitan census tract groupings are given descriptive names. The boundaries of each census tract area and the actual census tract number(s) are detailed in Appendix B.

Health, sociodemographic, and health care provider indicators complete an array of data that are used to determine need for health care services in each small area. Individual indicators, as described below, are evaluated for each small area; the individual data values are displayed in Appendix A. These data are aggregated into thirds, based on the total data values within a given county. In addition, these individual variables are combined into an overall ranking of need for health care services.

Three health indicators are used: age-adjusted death rates, percent of low birthweight births, and percent of births to teens. All of these are annualized rates derived from Arizona Vital Records for the time period 1981-1985. The population denominator used for the age-adjusted death rates is the 1985 population because mid-point (1983) population estimates are not available by small area.

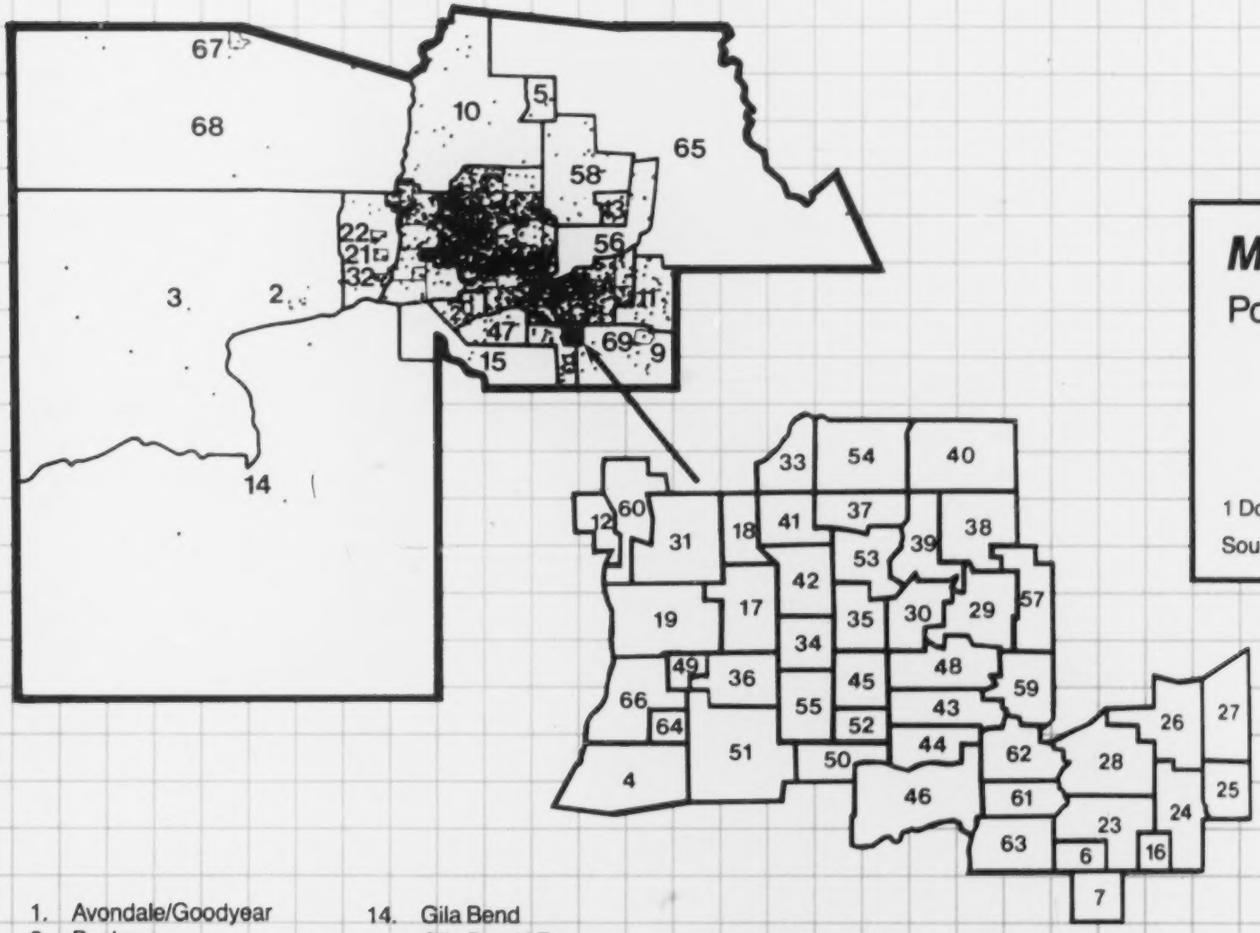
Three sociodemographic indicators are used: percent of population below poverty level; percent of population who are 65 years of age and older; and percent of population who are Black, Indian, or Hispanic. The source of these data for Maricopa County is data from the 1985 special census sponsored by the Maricopa County Council of Governments. The source of these data for Pima County is a combination of 1985 population projections from the Pima County Association of Governments and the 1980 census. In this case, the proportions of population falling into each of the categories listed above, as determined by the 1980 census, were applied to the updated, 1985 projected population numbers.

Two health provider indicators are used: primary care physician to population ratios, which includes MD's and DO's; and mid-level provider to population ratios, which includes Nurse Practitioners and Physician's Assistants. The source of these data is the *Arizona Rural Health Provider Atlas* (1987) by Rena Gordon of the University of Arizona Rural Health Office. The population denominators used for these ratios are from 1985, since more updated population numbers are not available by small area.

Based on these sets of indicators, an overall rank of need for health care services is developed for each small area in each of the two counties. The aggregates are for each county and the comparative value for each variable in each small area is weighted in comparison to all other small areas in that county. Each data variable is given equal weight in this process. (The race/ethnicity variables are combined into one, although it is presented and displayed separately by Black, Indian, and Hispanic.) The result is a rank of need for health care services by small area within Maricopa and Pima Counties.

Report Format

Preceded by a population distribution map, each of the health, sociodemographic, health provider, and need rank data are displayed by small area in sets of county maps. In addition, Appendix A presents each data variable and Appendix B describes each small area in terms of boundaries and census tract numbers.



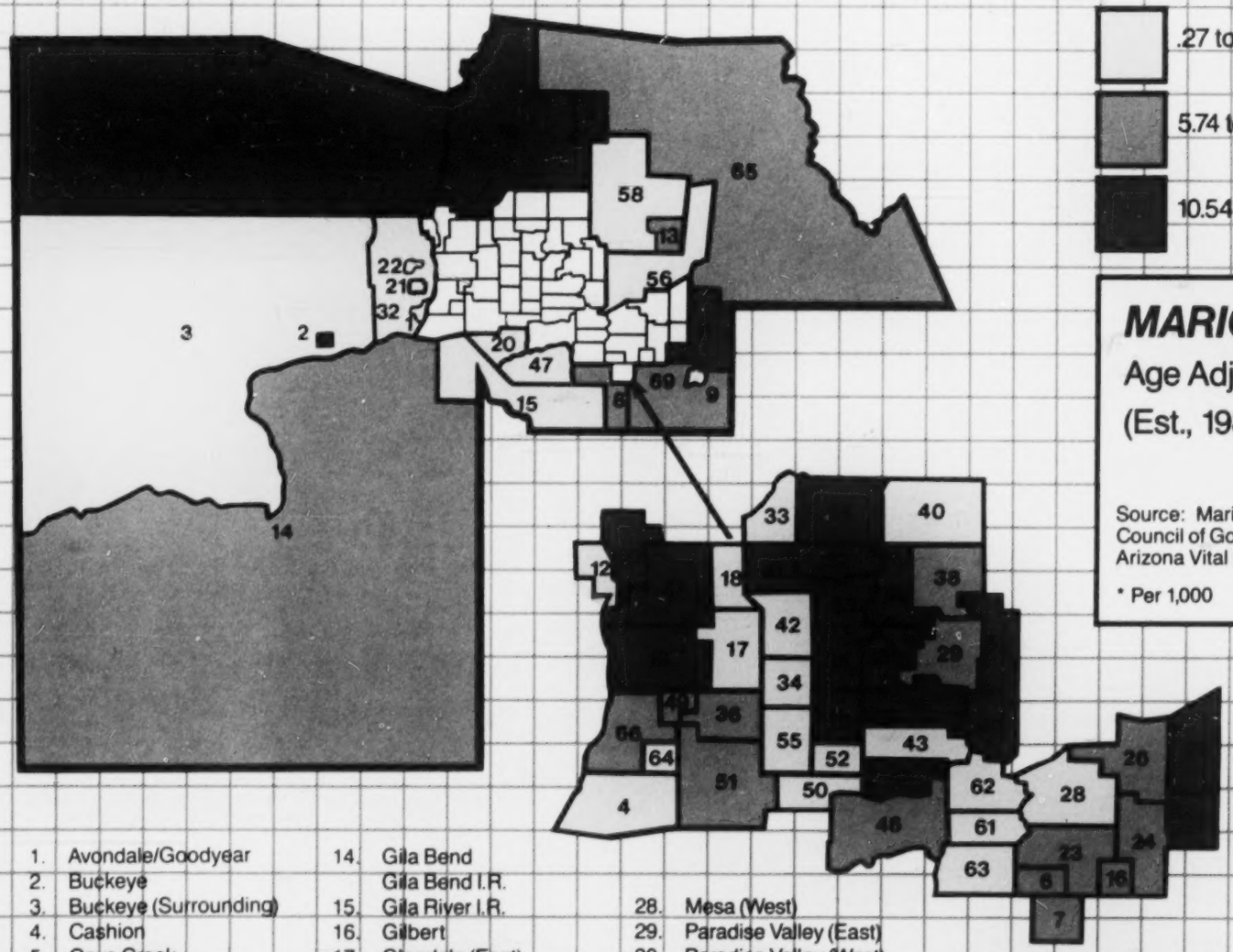
MARICOPA COUNTY

Population Distribution (1985)

1 Dot = 1000 Persons

Source: Maricopa County Council of Governments *MAP 2*

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg
    (Surrounding)
69. Williams AFB



MARICOPA COUNTY

Age Adjusted Death Rates*

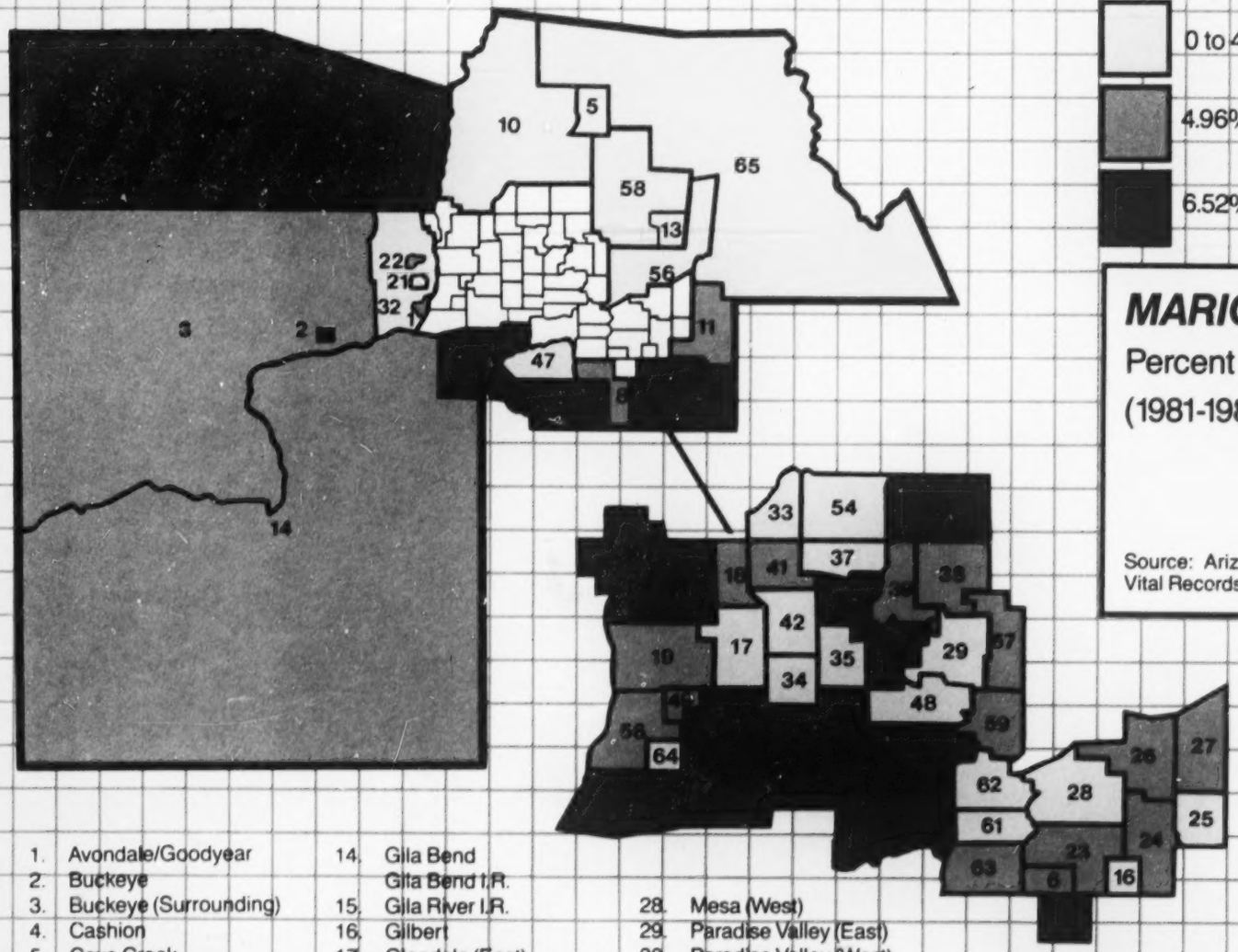
(Est., 1985)

Source: Maricopa Co. Council of Govt's; Arizona Vital Records

* Per 1,000

MAP 3

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB



0 to 4.96%

4.96% to 6.52%

6.52% to 9.07%

MARICOPA COUNTY

Percent of Low Birthweight Births

(1981-1985)

Source: Arizona Vital Records

MAP 4

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB

0 to 9.39%

9.39% to 16.09%

16.09% to 30.00%

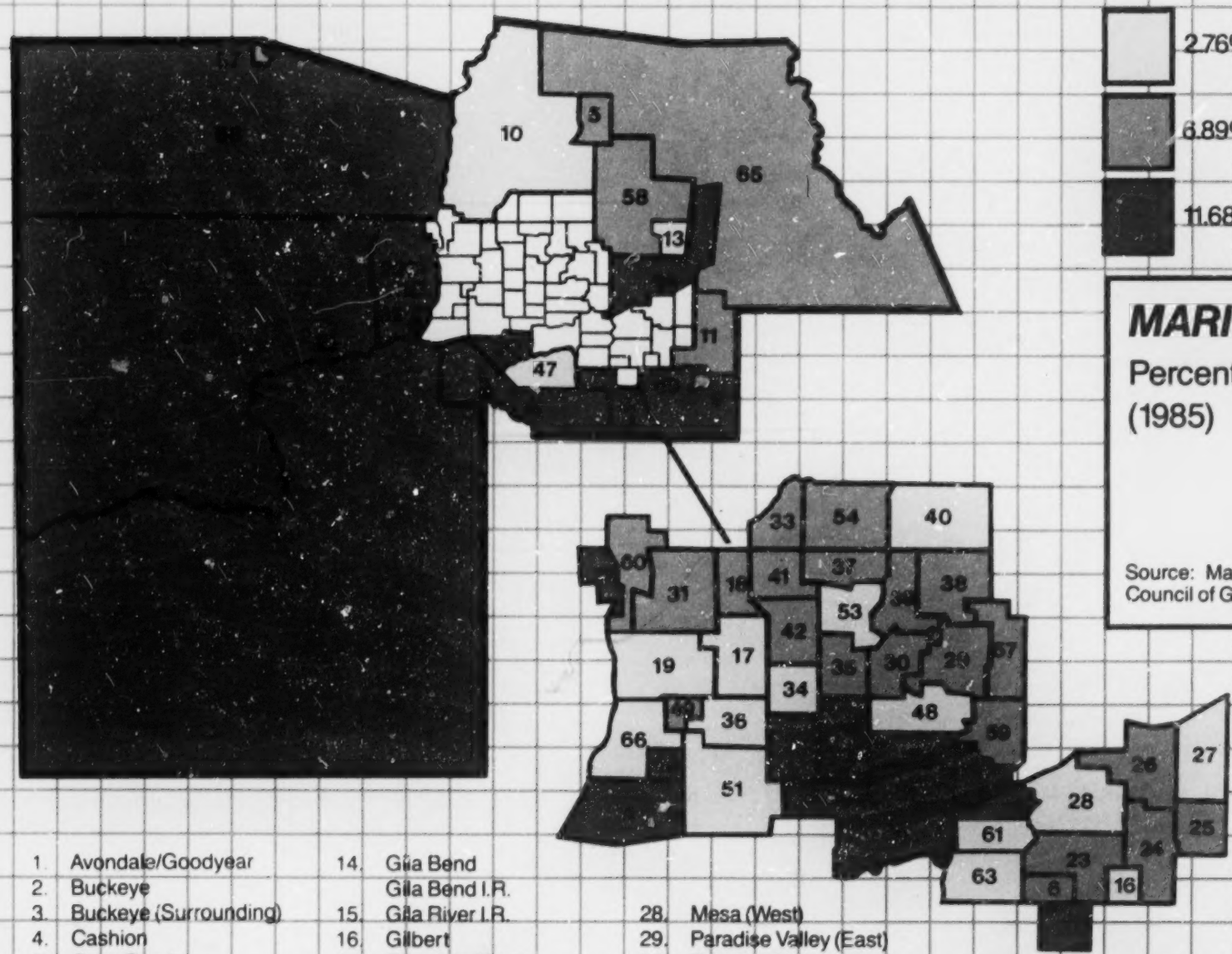
MARICOPA COUNTY

Percent of Births to Teens (1981-1985)

Source: Arizona Vital Records

MAP 5

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB



2.76% to 6.89%

6.89% to 11.68%

11.68% to 41.18%

MARICOPA COUNTY

Percent of Population Below Poverty (1985)

Source: Maricopa Co. Council of Governments

MAP 6

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB

.11% to 5.92%

5.92% to 11.69%

11.69% to 76.81%

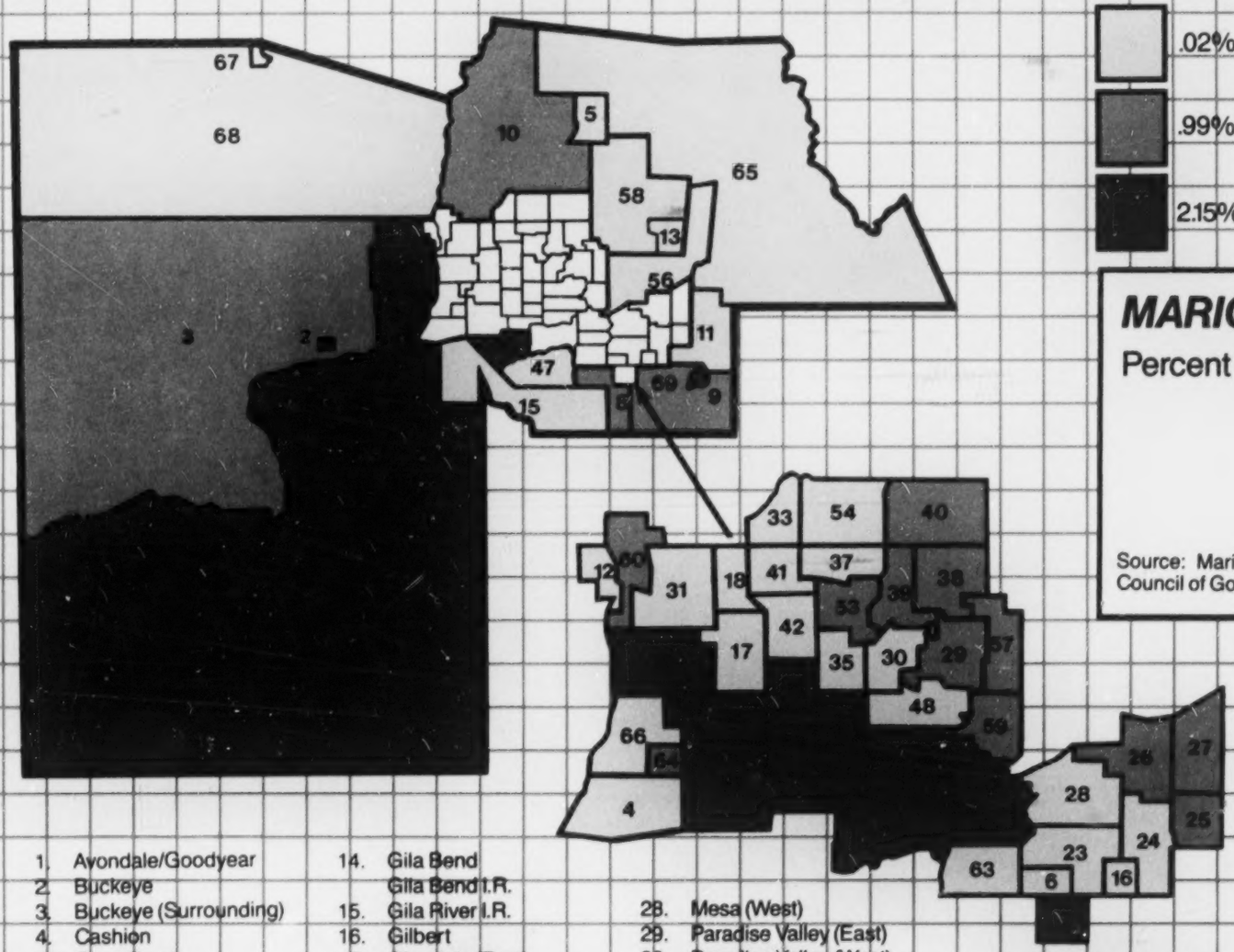
MARICOPA COUNTY

Percent of Population 65 Years of Age and Older (1985)

Source: Maricopa Co. Council of Governments

MAP 7

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB



.02% to .99%

.99% to 2.15%

2.15% to 24.73%

MARICOPA COUNTY

Percent of Black Population (1985)

Source: Maricopa Co. Council of Governments

MAP 8

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB

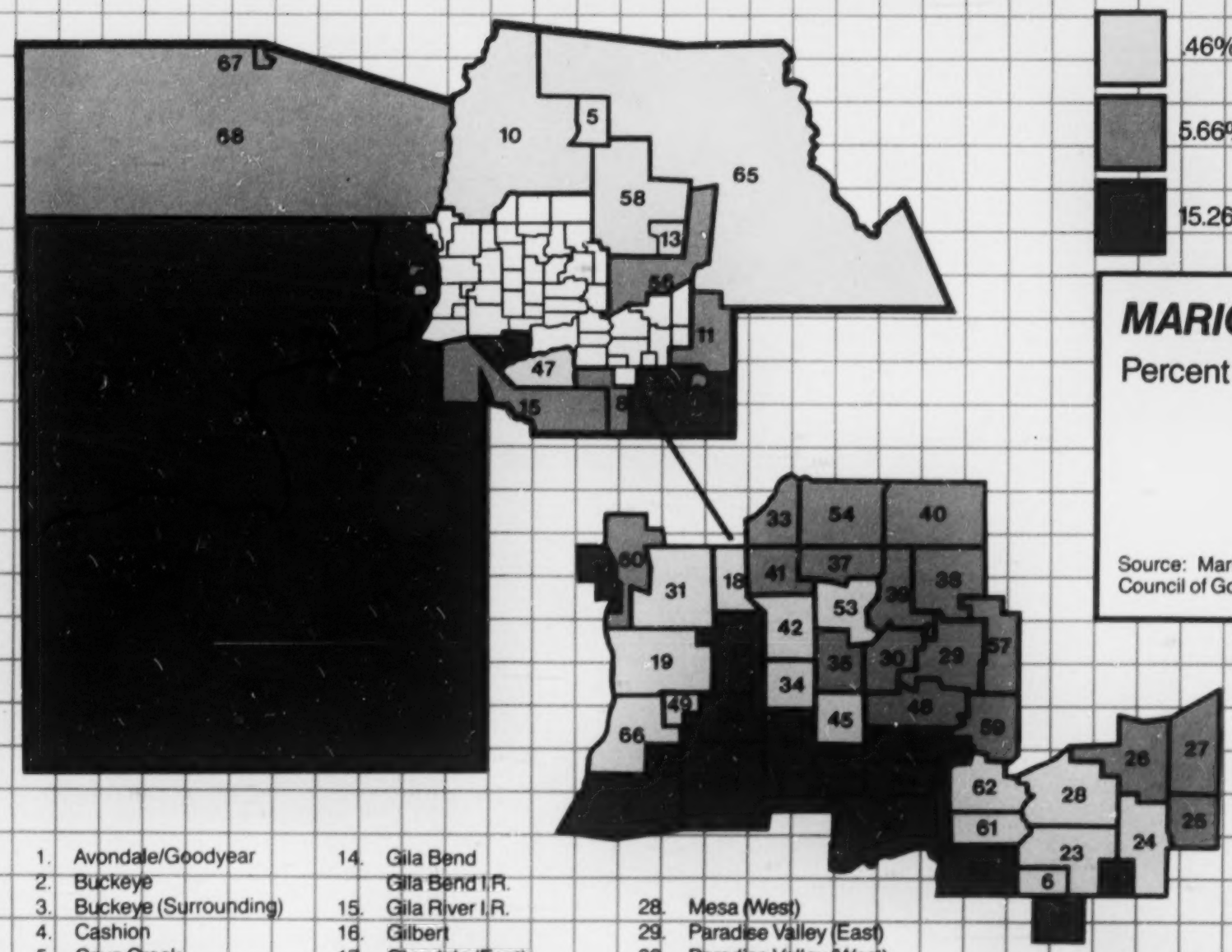
MARICOPA COUNTY

Percent of Indian Population (1985)

Source: Maricopa Co. Council of Governments

MAP 9

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB



.46% to 5.66%

5.66% to 15.26%

15.26% to 70.95%

MARICOPA COUNTY

Percent of Hispanic Population (1985)

Source: Maricopa Co. Council of Governments

MAP 10

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB

1:4301 to 1:1181

1:1181 to 1:174

0 to 1:4301

MARICOPA COUNTY

Primary Care Physician* to Population Ratios (Est., 1985)

Source: Maricopa Co. Council of Governments; Gordon, "Arizona Rural Health Provider Atlas" (1987)

*Includes M.D.'s and D.O.'s

MAP 11

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB

1:5563 to 1:1874

1:12087 to 1:5563

0 to 1:12087

MARICOPA COUNTY

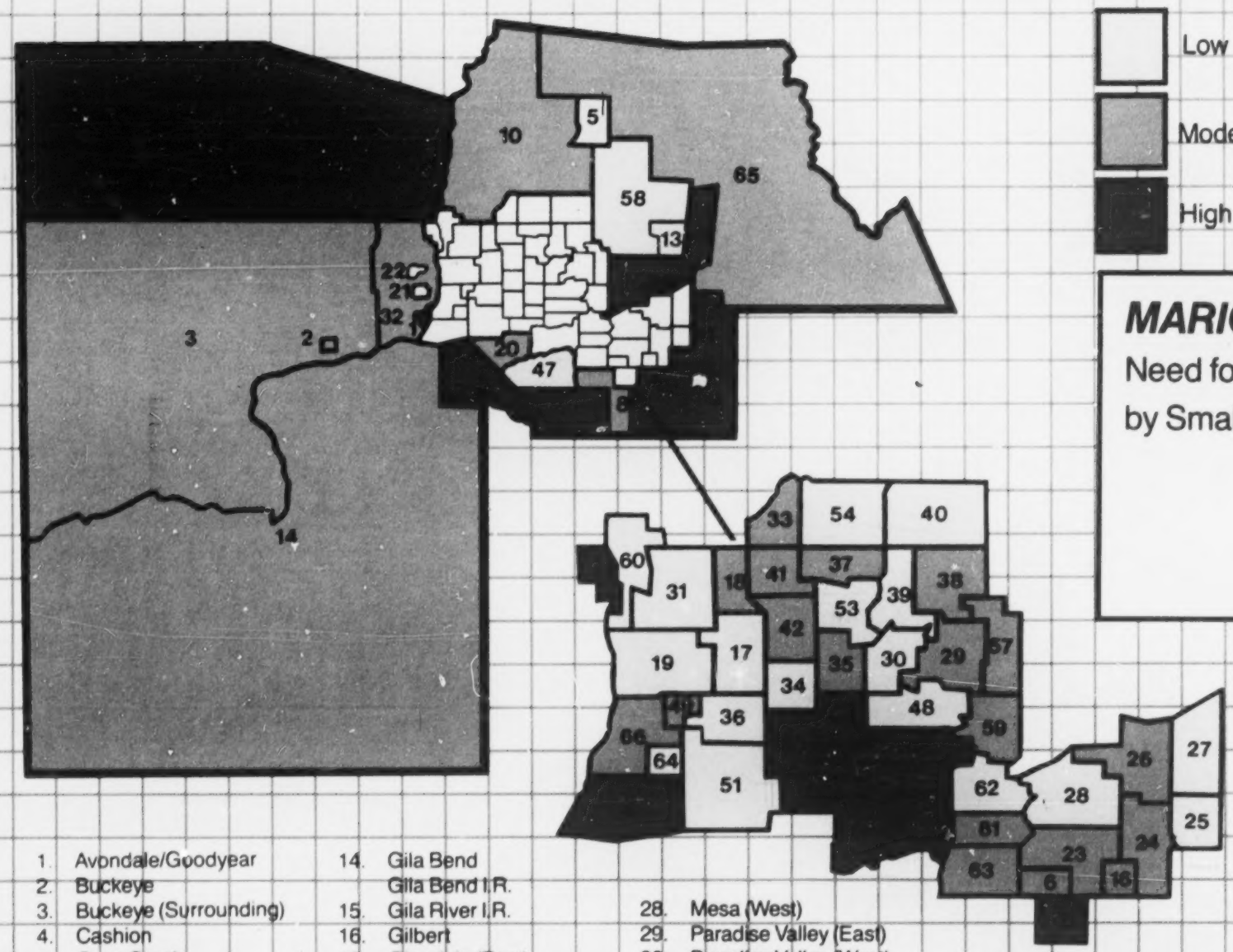
Mid Level Provider* to Population Ratios (Est., 1985)

Source: Maricopa Co. Council of Governments; Gordon, "Arizona Rural Health Provider Atlas" (1987)

*Includes Nurse Practitioners and Physicians Assistants

MAP 12

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB

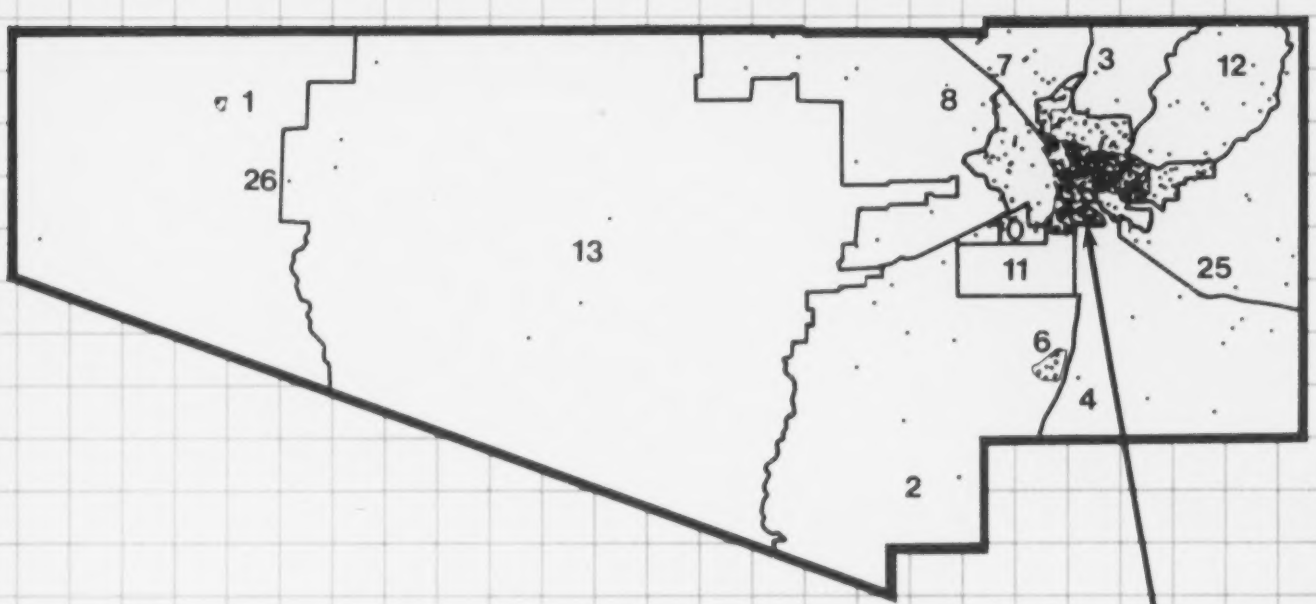


MARICOPA COUNTY

Need for Primary Health Care Services by Small Area

MAP 13

1. Avondale/Goodyear
2. Buckeye
3. Buckeye (Surrounding)
4. Cashion
5. Cave Creek
6. Chandler (North)
7. Chandler (South)
8. Chandler (West)
9. Chandler Hts.
10. Deer Valley
11. East County
12. El Mirage
    Surprise
    Youngtown
13. Fountain Hills
14. Gila Bend
    Gila Bend I.R.
15. Gila River I.R.
16. Gilbert
17. Glendale (East)
18. Glendale (North)
19. Glendale (West)
20. Laveen
21. Litchfield Park
22. Luke AFB
23. Mesa/Gilbert
24. Mesa (Central)
25. Mesa (East)
26. Mesa (N. Central)
27. Mesa (N.E.)
28. Mesa (West)
29. Paradise Valley (East)
30. Paradise Valley (West)
31. Peoria
    Liberty
32. Perryville
33. Phoenix (Adobe)
34. Phoenix (Alhambra)
35. Phoenix (Central)
36. Phoenix (Maryvale)
37. Phoenix (N. Central)
38. Phoenix (N.E.)
39. Phoenix (N.E. Central)
40. Phoenix (N.E. Outlying)
41. Phoenix (N. W.)
42. Phoenix (N.W. Central)
43. Phoenix (Papago Park)
44. Phoenix (Sky Harbor Airport)
45. Phoenix (S. Central)
46. Phoenix (S. Mountain)
47. Phoenix (S. Mountain Park)
48. Phoenix (S. E.)
49. Phoenix (S. W.)
50. Phoenix (S. W. Central)
51. Phoenix (S. W. Outlying)
52. Phoenix (State Capital)
53. Phoenix (Sunnyslope)
54. Phoenix (Union Hills)
55. Phoenix (West Central)
56. Salt River/Fort McDowell I.R.'s
57. Scottsdale (Central)
58. Scottsdale (North)
59. Scottsdale (South)
60. Sun City
61. Tempe (Central)
62. Tempe (North)
63. Tempe (South)/Guadalupe
64. Tolleson
65. Tonto National Forest
66. Villa de Paz
67. Wickenburg
68. Wickenburg (Surrounding)
69. Williams AFB



PIMA COUNTY

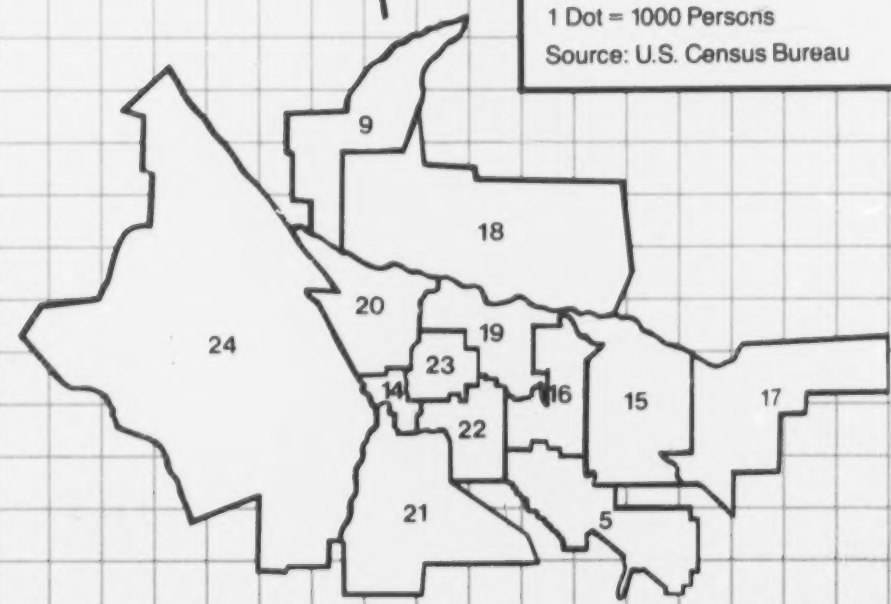
Population Distribution (Est.,1985)

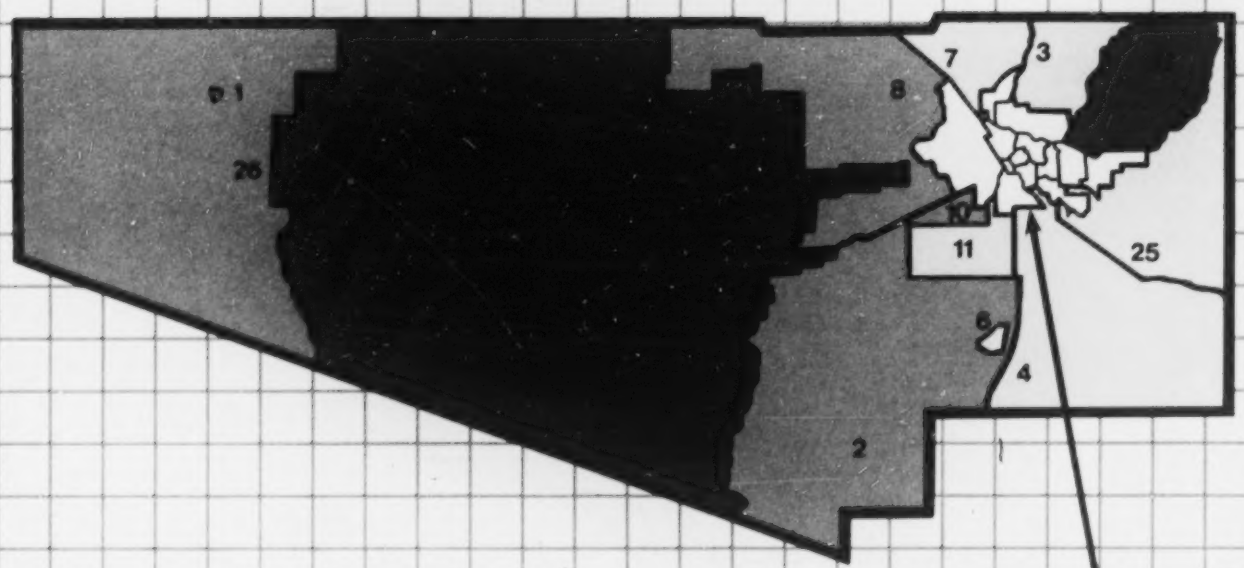
1 Dot = 1000 Persons

Source: U.S. Census Bureau

MAP 14

1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why





.61 to 3.46

3.46 to 4.59

4.59 to 43.41

PIMA COUNTY

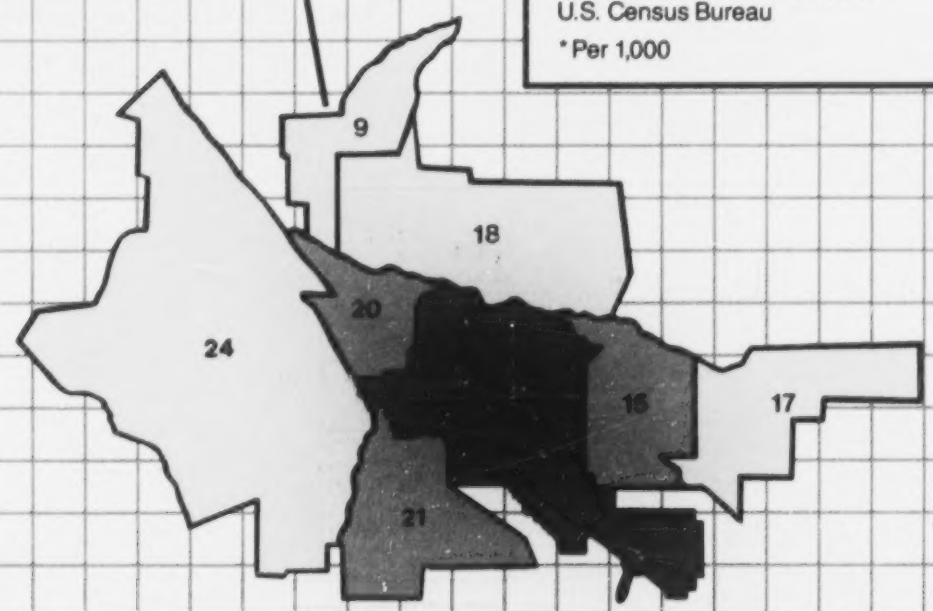
Age Adjusted Death Rates*

(Est., 1981-1985)

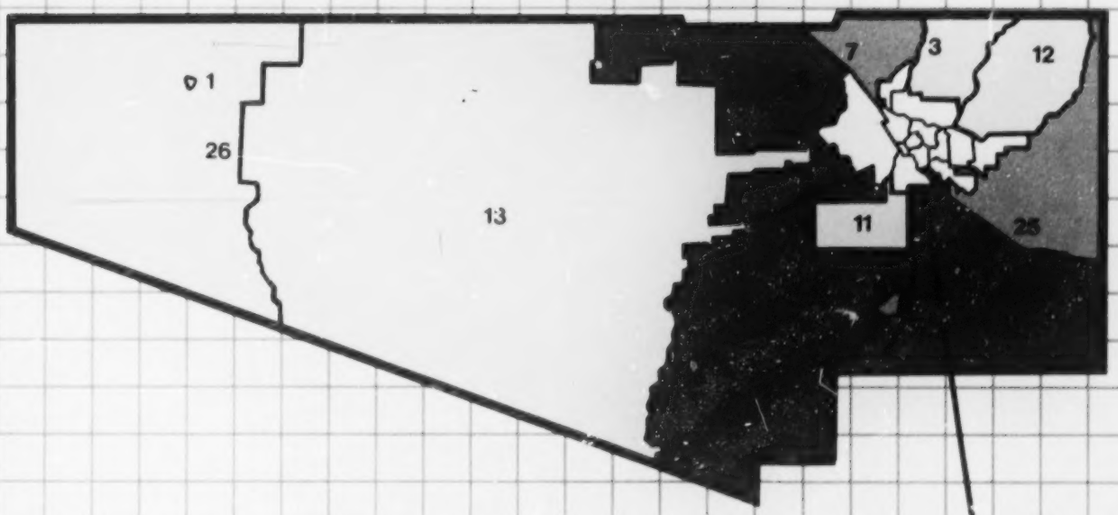
Source: Arizona Vital Records,
U.S. Census Bureau

*Per 1,000

MAP 15



1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why



0 to 5.24%

5.24% to 6.12%

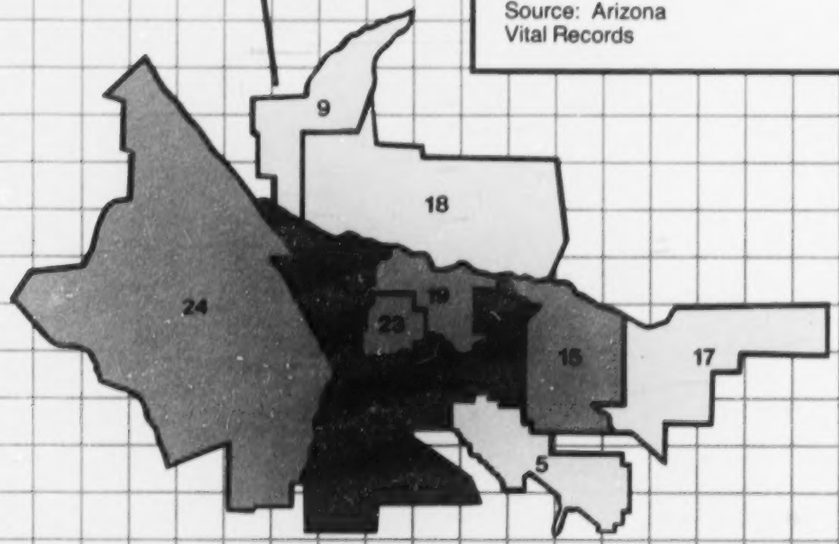
6.12% to 7.39%

PIMA COUNTY

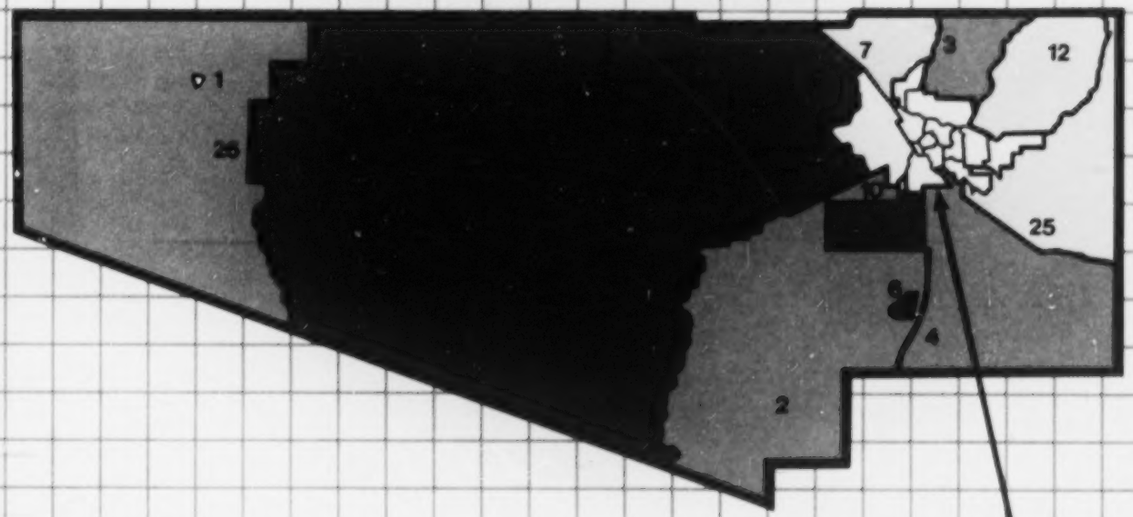
Percent of Low Birthweight Births
(1981-1985)

Source: Arizona
Vital Records

MAP 16



1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why



4.01% to 9.93%

9.93% to 15.27%

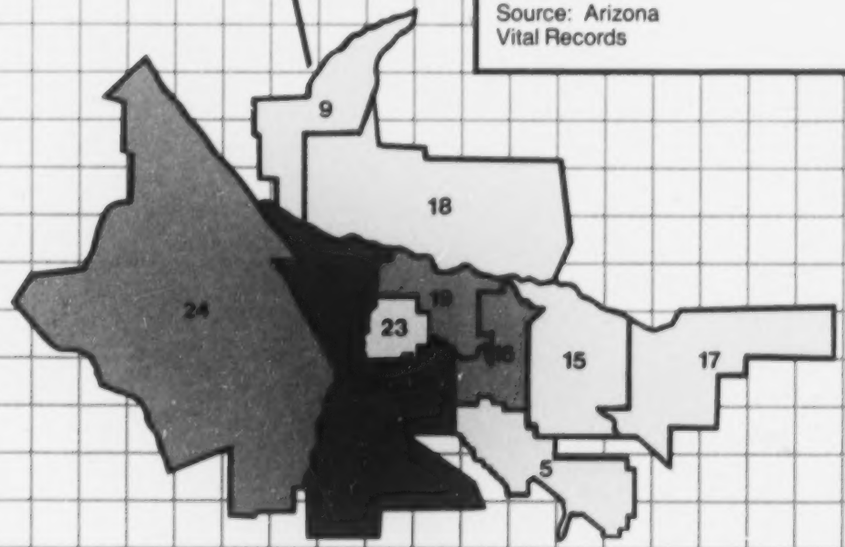
15.27% to 28.27%

PIMA COUNTY

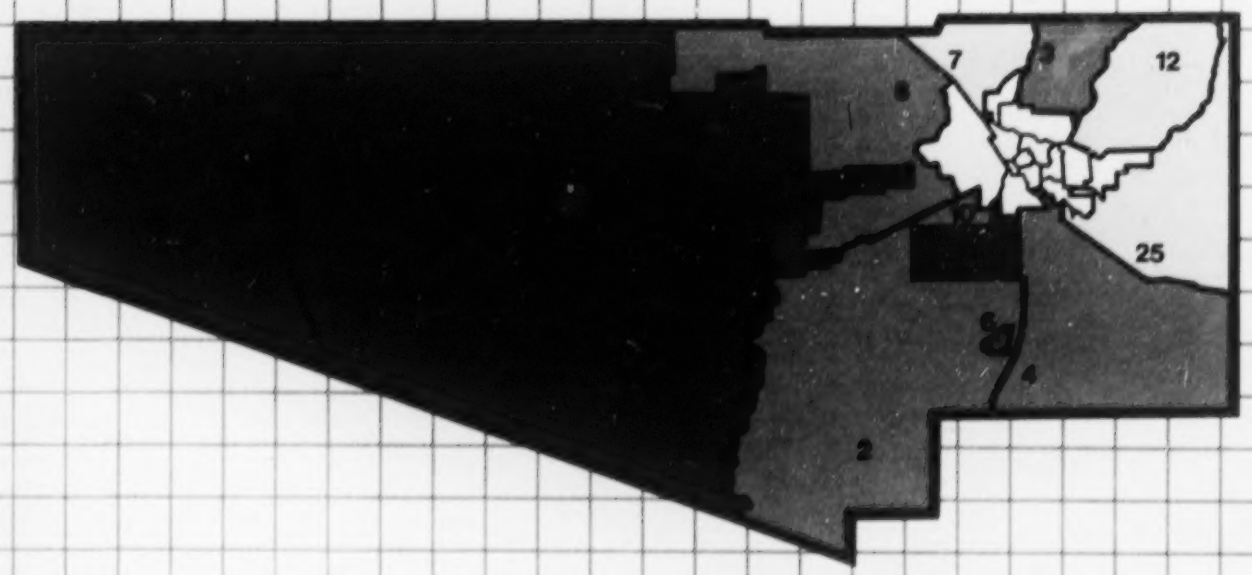
Percent of Births to Teens (1981-1985)

Source: Arizona Vital Records

MAP 17



1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why



2.69% to 8.00%

8.00% to 16.70%

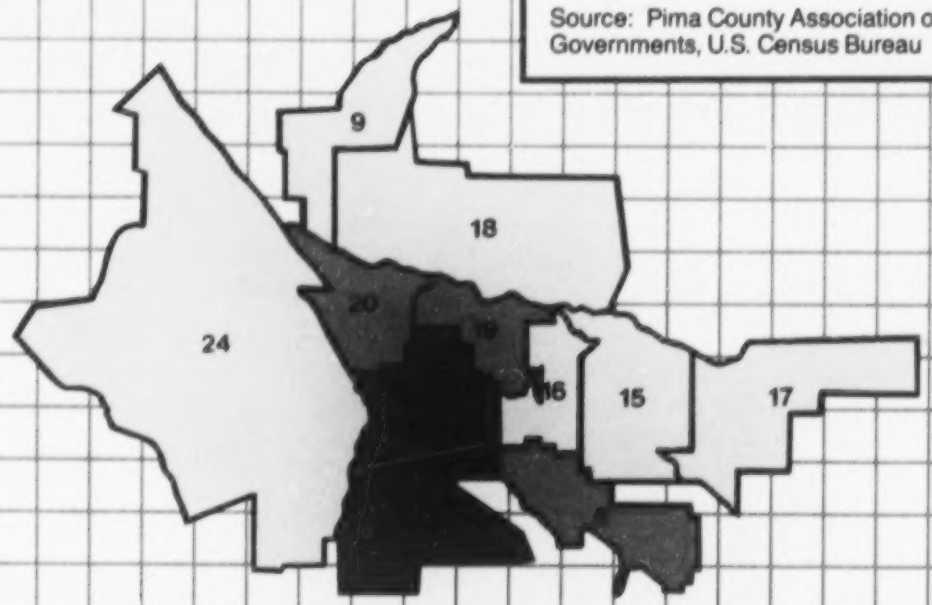
16.70% to 50.21%

PIMA COUNTY

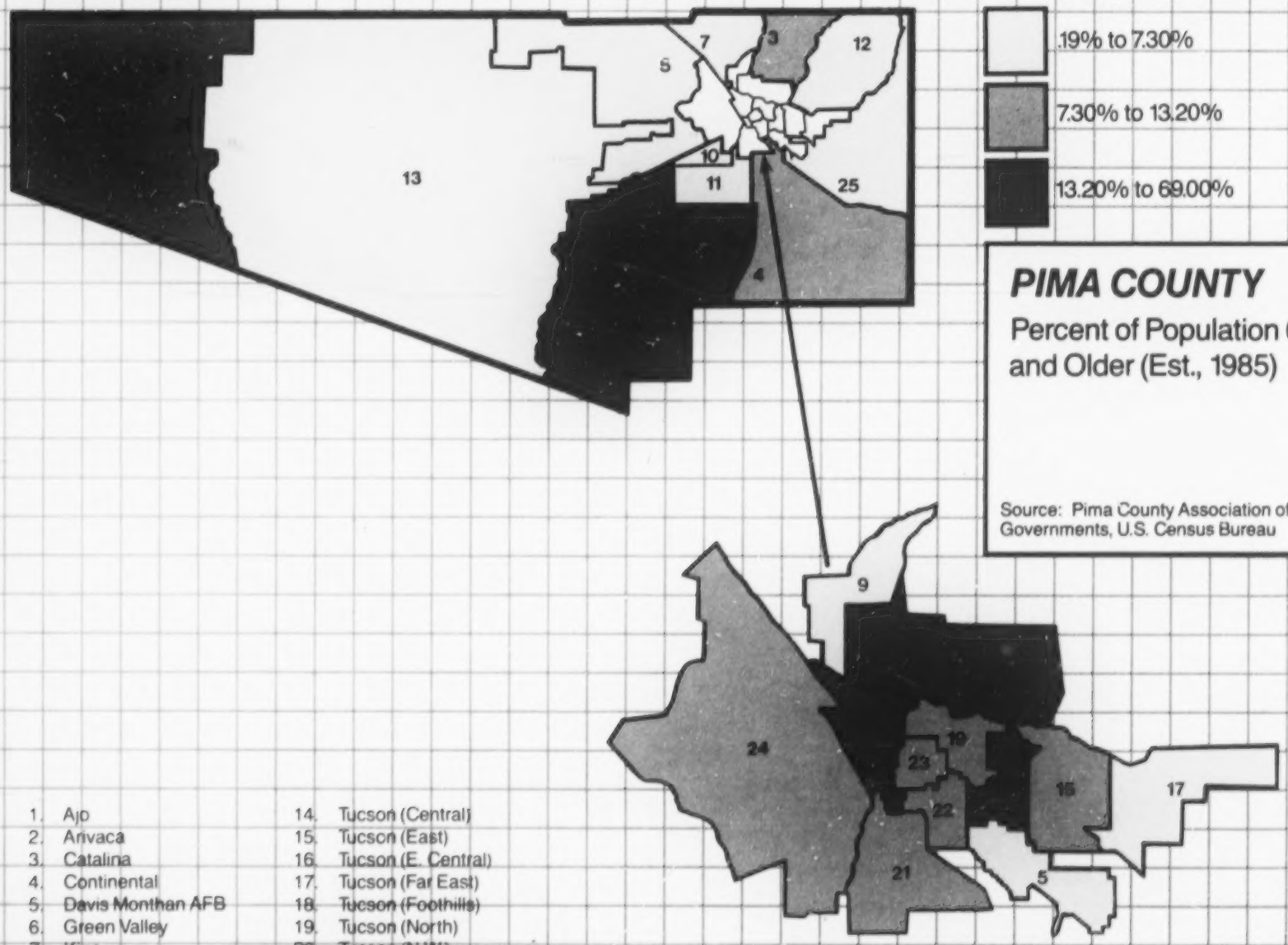
Percent of Population Below Poverty
(Est., 1985)

Source: Pima County Association of Governments, U.S. Census Bureau

MAP 18



1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why



.19% to 7.30%

7.30% to 13.20%

13.20% to 69.00%

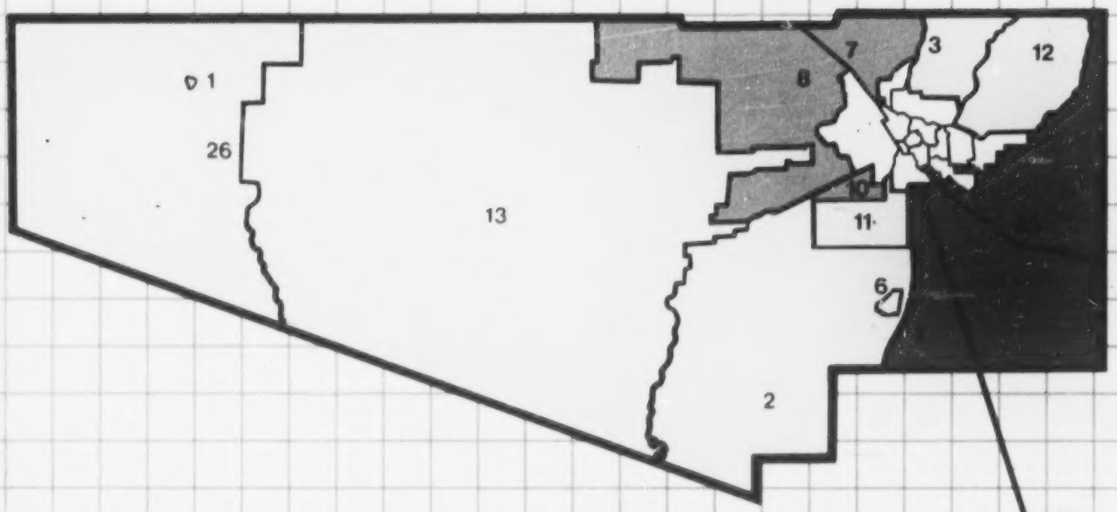
PIMA COUNTY

Percent of Population 65 Years of Age and Older (Est., 1985)

Source: Pima County Association of Governments, U.S. Census Bureau

MAP 19

1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why



.09% to .80%

.80% to 3.30%

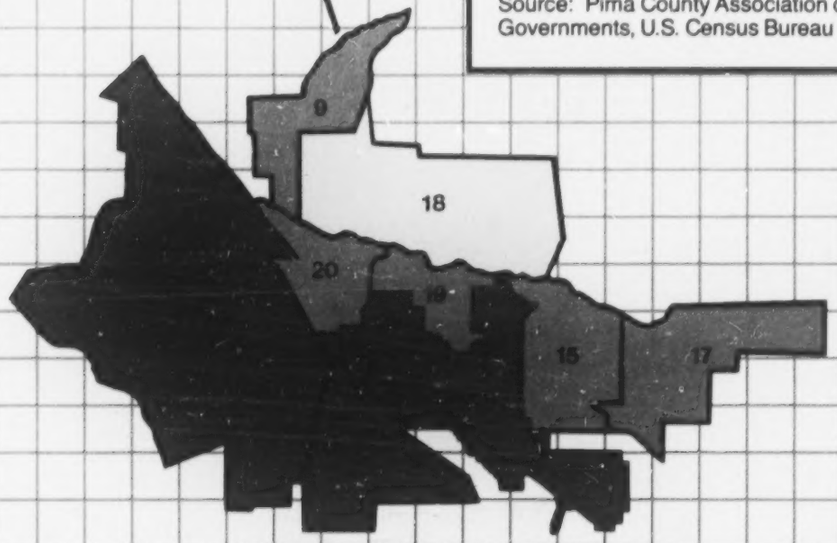
3.30% to 14.10%

PIMA COUNTY

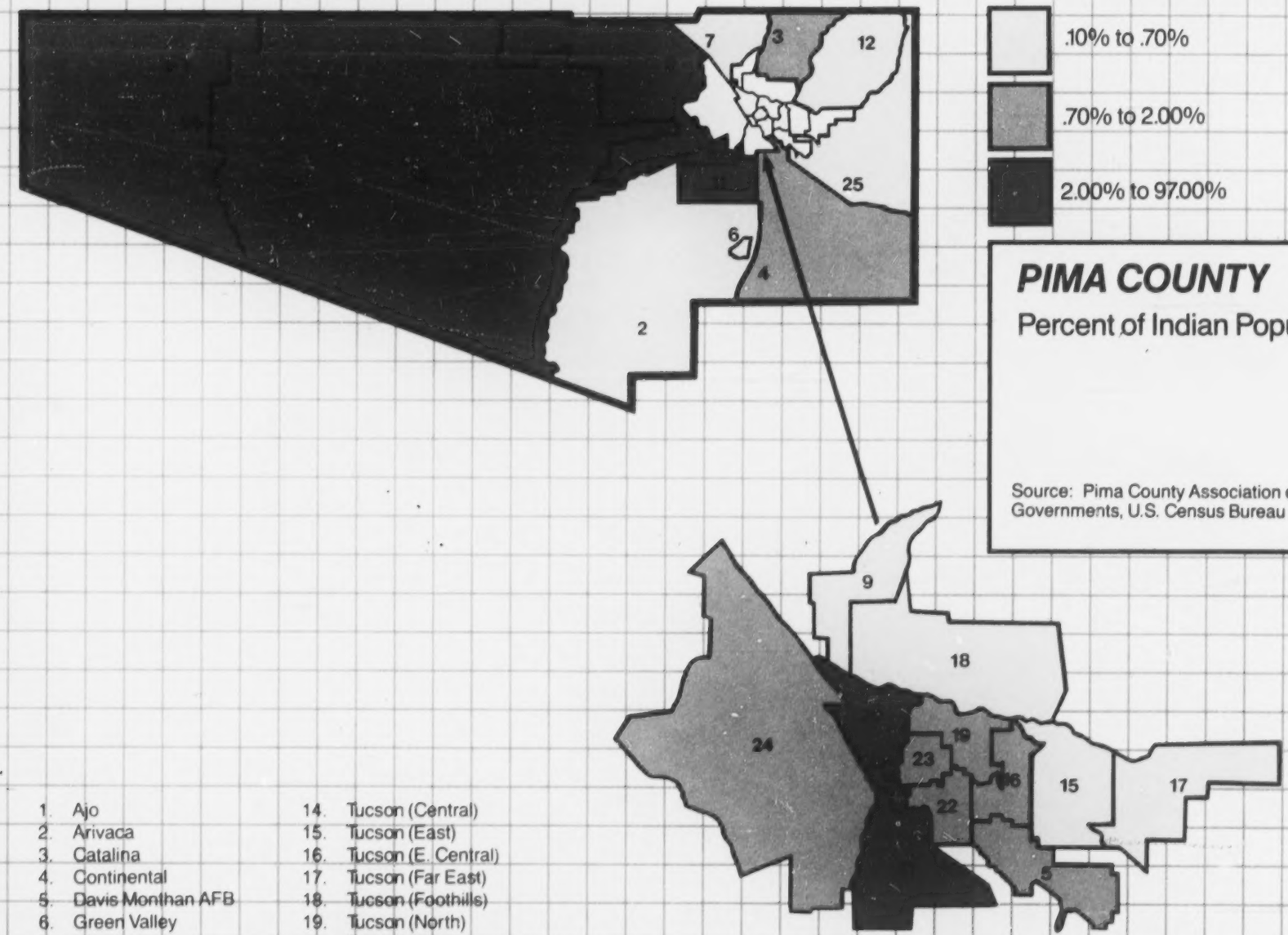
Percent of Black Population (Est., 1985)

Source: Pima County Association of Governments, U.S. Census Bureau

MAP 20



1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why



.10% to .70%

.70% to 2.00%

2.00% to 97.00%

PIMA COUNTY

Percent of Indian Population (Est., 1985)

Source: Pima County Association of Governments, U.S. Census Bureau

MAP 21

1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why

.99% to 9.20%

9.20% to 18.10%

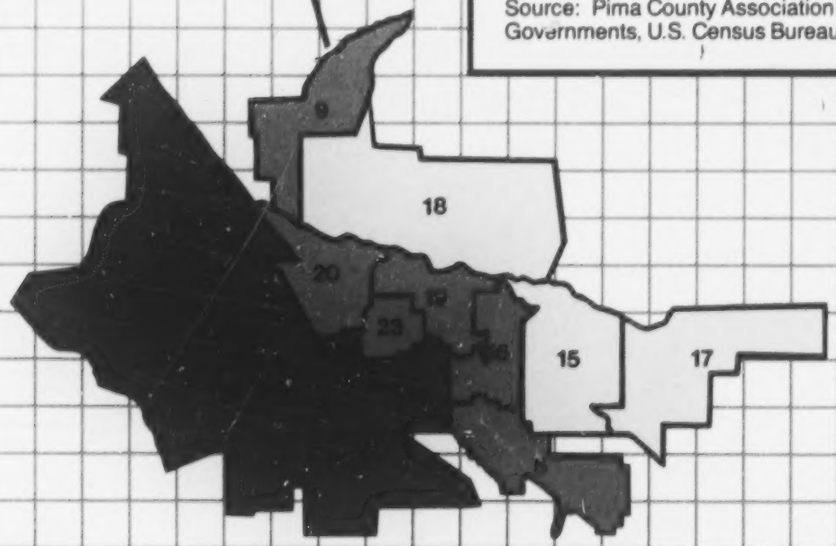
18.10% to 69.00%

PIMA COUNTY

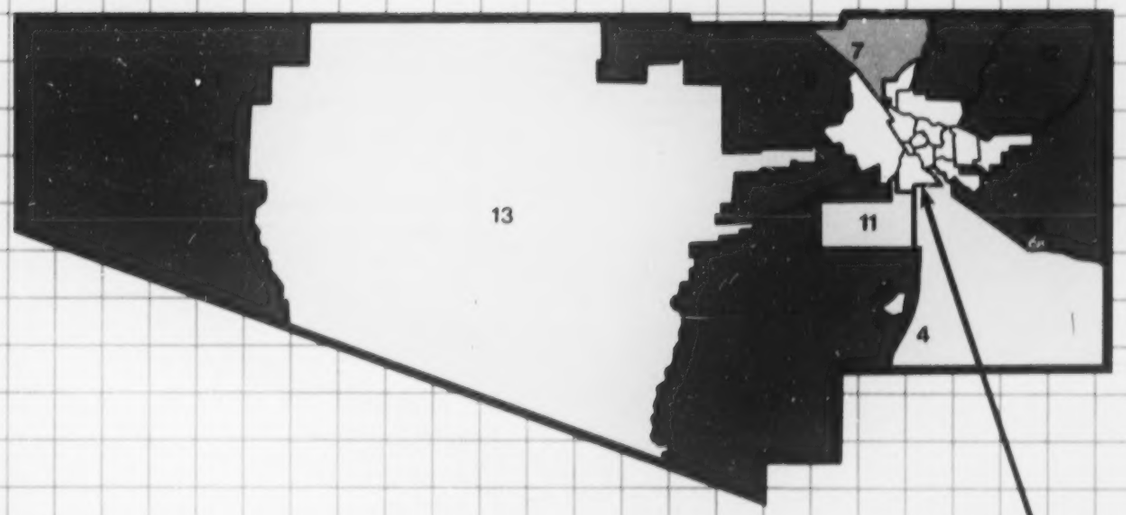
Percent of Hispanic Population
(Est., 1985)

Source: Pima County Association of Governments, U.S. Census Bureau

MAP 22



1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why



1:4644 to 1:1261

1:1261 to 1:179

0 to 1:4644

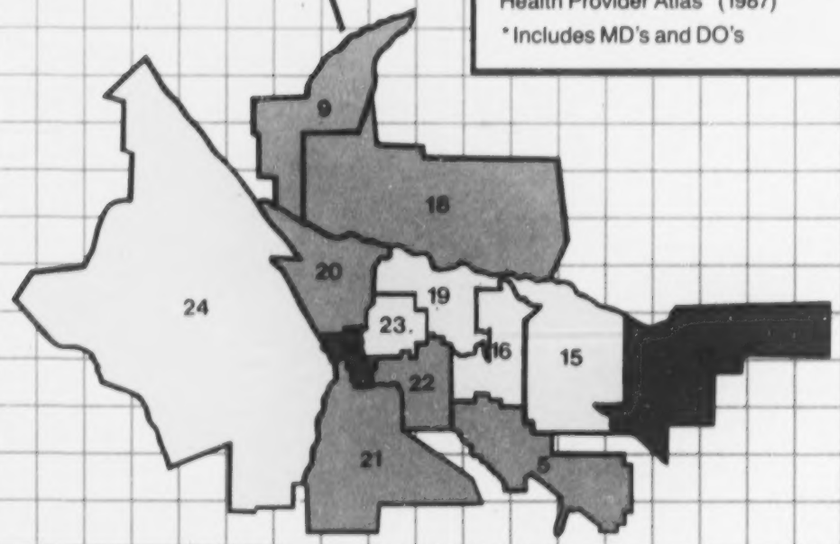
PIMA COUNTY

Primary Care Physician* to Population Ratios (Est., 1985)

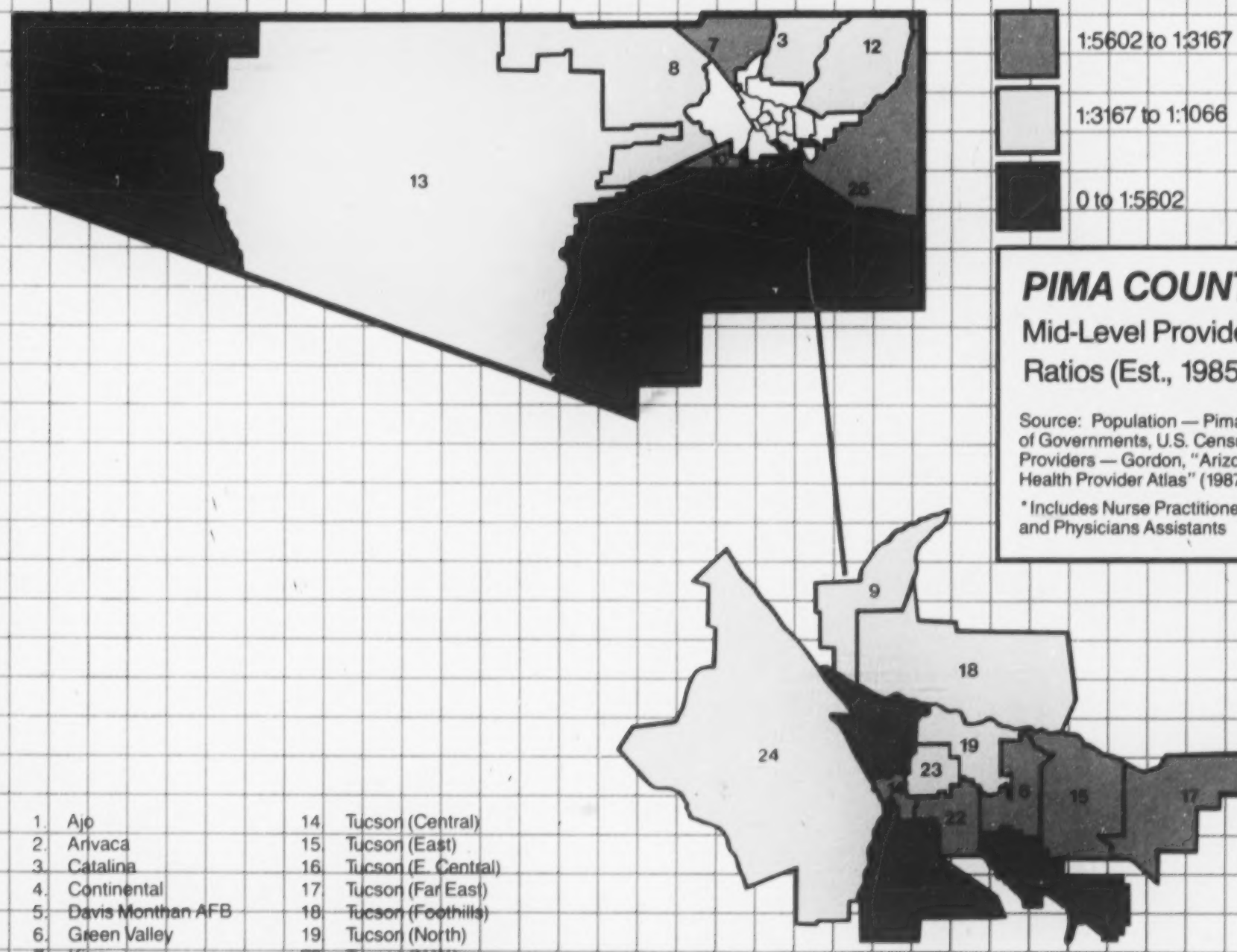
Source: Population — Pima County Association of Governments, U.S. Census Bureau
Providers — Gordon, "Arizona Rural Health Provider Atlas" (1987)

* Includes MD's and DO's

MAP 23



1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why



1:5602 to 1:3167

1:3167 to 1:1066

0 to 1:5602

PIMA COUNTY

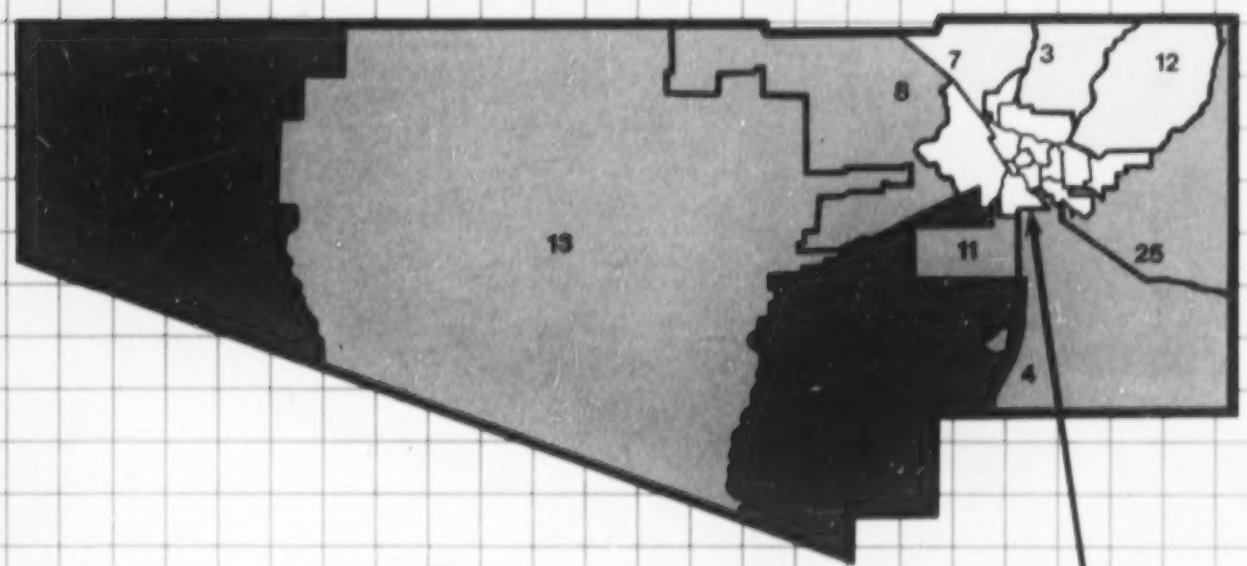
Mid-Level Provider* to Population Ratios (Est., 1985)

Source: Population — Pima County Association of Governments, U.S. Census Bureau
Providers — Gordon, "Arizona Rural Health Provider Atlas" (1987)

*Includes Nurse Practitioners and Physicians Assistants

MAP 24

1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why



Low

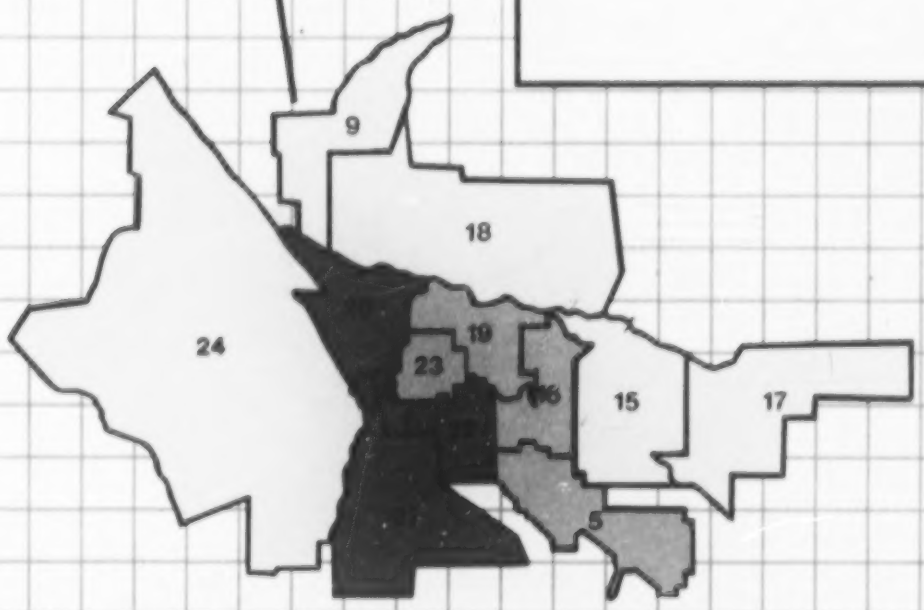
Moderate

High

PIMA COUNTY

Need for Health Care Services by Small Area

MAP 25



1. Ajo
2. Arivaca
3. Catalina
4. Continental
5. Davis Monthan AFB
6. Green Valley
7. Kino
8. Marana
9. Oro Valley
10. Pascua Yaqui I.R.
11. San Xavier I.R.
12. Summerhaven
13. Tohono O'odham I.R.
14. Tucson (Central)
15. Tucson (East)
16. Tucson (E. Central)
17. Tucson (Far East)
18. Tucson (Foothills)
19. Tucson (North)
20. Tucson (N.W.)
21. Tucson (South)
22. Tucson (S. Central)
23. Tucson (University)
24. Tucson (West)
25. Vail
26. Why

Conclusion

The *Arizona Urban Health Needs Assessment* presents an objective, comparative analysis of need for health care services in Maricopa and Pima Counties. The combination of this document with the *Arizona Rural Health Needs Assessment* (1987) provides a comprehensive set of data which suggests the relative need for health services statewide.

It is anticipated that planners and researchers at the state, county and local level will utilize the data contained in this report in various ways to expand upon the methodology presented. It is also anticipated that various public and private entities will use these data as a basis for action designed to facilitate the improvement of health care service delivery in the state. It is crucial that solutions be developed which account for the individual characteristics of the various geographic areas and communities within Arizona.

In this way, progress can be made toward the goal of optimal health status for all Arizonans, regardless of population or geographic group.

Appendices

Appendix A

Appendix A
Data Table

Description	Population	Age Adjusted Death	% Low Weight Births	% Teen Births	% Below Poverty	% Black	% Indian	% Hispanic	% 65 Years and Older	Population per 1 M.D./D.O.	Population per 1 N.P./P.A.
U.S.	231,106,727	5.46	6.82	15.60	13.00	11.69	.65	6.45	11.28	1369.86	NA
Statewide	2,718,215	6.15	6.10	14.40	16.03	2.76	5.62	16.22	11.27	1020.41	3846.15
Rural Counties Combined	677,510	6.23	6.20	15.50	29.20	1.74	16.95	19.24	10.35	1754.38	4166.67
Urban Counties	2,040,705	6.11	6.00	13.90	11.19	3.10	1.85	15.22	11.58	900.90	3703.70
Maricopa	1,837,956	6.03	6.04	14.26	10.54	3.18	1.39	13.21	12.00	1078.61	6707.87
Avondale/Goodyear	10,730	5.42	5.92	22.84	22.93	4.94	.68	40.79	7.19	3676.67	NP
Buckeye	4,396	9.65	7.36	22.77	16.17	5.00	1.30	22.95	9.90	879.20	2198.00
Buckeye/Surrounding	5,588	4.05	5.45	18.51	13.59	2.14	1.24	17.33	5.68	NP	6588.00
Cashion	5,540	8.63	6.97	24.32	29.32	1.59	.37	56.44	5.01	NP	NP
Cave Creek	3,411	13.07	3.27	6.94	11.35	.15	.18	1.99	21.68	NP	3411.00
Chandler-North	20,679	4.14	4.17	3.04	3.79	1.41	.38	6.76	2.01	1879.91	5186.75
Chandler-South	28,344	5.74	6.67	17.66	16.02	2.89	1.65	24.68	7.14	4724.00	4049.14
Chandler-West	20,292	8.39	5.31	6.29	11.93	1.09	.32	8.64	12.66	724.71	10146.00
Chandler Heights	13,358	5.74	6.75	15.60	14.40	1.37	1.22	19.41	4.96	4452.67	NP
Deer Valley	16,881	16.28	4.62	9.54	6.25	1.13	.47	5.46	7.34	5627.00	16881.00
East County	34,607	17.43	6.26	16.09	10.46	.49	.52	6.23	25.48	6940.40	11535.67
El Mirage/Surprise/Youngtown	9,899	7.33	6.85	27.35	29.28	1.89	.13	60.39	17.15	1979.80	9899.00
Fountain Hills	5,797	5.79	4.45	6.48	3.41	.24	.24	1.52	13.33	1159.40	2898.50
Gila Bend/Gila Bend Indian Reservation	4,401	8.82	5.76	18.11	18.10	2.73	13.04	34.36	5.61	NP	4401.00
Gila Bend Indian Reservation	2,301	4.82	8.00	30.00	40.44	.04	92.18	8.74	4.04	NP	NP
Gilbert	6,349	5.73	5.19	11.09	11.43	1.10	.17	17.34	4.35	907.00	2116.33
Glendale-East	74,250	8.07	6.02	17.29	10.27	2.15	.67	15.28	9.84	1856.25	6750.00
Glendale-North	29,726	6.77	4.06	6.13	5.10	1.46	.35	6.94	3.09	646.22	7431.50
Glendale-West	16,719	13.26	4.93	13.81	9.02	3.27	.48	14.98	7.46	NP	5573.00
Laveen	19,999	4.03	7.01	26.34	14.08	12.77	.79	49.07	4.16	9999.50	19999.00
Litchfield Park	3,747	5.55	3.65	12.29	7.98	.56	.32	4.27	11.69	1249.00	1873.50
Luke Air Force Base	4,529	.87	6.36	4.05	8.14	14.06	.84	7.57	.11	1509.67	NP
Mesa/Gilbert	46,357	2.85	4.49	6.89	4.04	1.57	.52	7.20	3.06	986.32	4214.27
Mesa-Central	32,290	4.32	3.83	6.16	5.92	1.05	.39	5.79	14.42	32290.00	4612.86
Mesa-East	18,227	46.26	6.25	15.18	6.67	.30	.12	1.57	61.33	1072.18	NP
Mesa-North Central	26,826	4.88	4.02	7.44	5.76	.36	.27	4.90	12.21	2682.60	6706.50
Mesa-Northeast	12,869	13.41	3.70	11.96	8.87	.24	.26	3.57	38.93	12869.00	NP
Mesa-West	106,943	6.31	5.52	13.98	10.66	1.85	1.08	12.33	8.28	929.94	11882.56
Paradise Valley-East	11,970	5.65	5.68	3.51	3.15	.16	.13	1.98	11.75	630.00	11970.00
Paradise Valley-West	12,904	17.97	6.56	6.56	4.43	.99	.44	3.15	14.51	4301.33	3226.00
Peoria	39,462	15.53	6.86	14.53	6.89	1.10	.55	11.96	35.45	1127.49	7892.40
Perryville/Liberty	9,073	3.27	4.22	14.95	11.68	5.96	1.26	23.02	3.34	NP	NP
Phoenix-Adobe	27,814	8.71	5.06	6.12	4.40	1.02	.38	4.82	5.41	5562.80	5562.80
Phoenix-Alhambra	54,502	10.42	6.51	15.86	8.97	3.18	1.75	10.19	9.94	813.46	10900.40
Phoenix-Central	51,787	16.20	5.61	10.89	6.23	1.12	.81	4.01	18.06	672.56	3046.29
Phoenix-Maryvale	82,555	4.30	6.98	18.55	7.23	5.78	1.11	19.52	5.46	1448.33	8255.50
Phoenix-North Central	24,705	15.68	5.18	6.95	4.16	1.06	.30	3.53	7.56	1647.00	4941.00
Phoenix-Northeast	41,709	2.17	4.35	2.55	2.77	.72	.15	2.56	5.02	2606.81	3475.75
Phoenix-Northeast Central	48,549	10.73	4.92	9.39	5.12	.85	.42	3.55	7.71	2022.88	16183.00
Phoenix-Northeast Outlying	11,084	8.24	6.66	7.60	7.29	.49	.39	3.84	8.90	3694.67	11084.00
Phoenix-Northwest	44,090	15.02	4.78	9.97	4.82	1.01	.40	5.38	4.87	1763.60	11022.50

Description	Population	Age Adjusted Death	% Low Weight Births	% Teen Births	% Below Poverty	% Black	% Indian	% Hispanic	% 65 Years and Older	Population per 1 M.D./D.O.	Population per 1 N.P./P.A.
Phoenix-Northwest Central	65,226	10.26	5.46	12.52	5.19	1.43	.64	6.13	8.38	1716.47	5929.64
Phoenix-Papago Park	55,426	10.36	8.26	18.01	15.68	6.44	2.20	22.66	10.78	458.07	6158.44
Phoenix-Sky Harbor	4,860	11.28	9.06	28.66	33.91	14.53	2.10	50.12	10.74	1215.00	NP
Phoenix-South Central	43,597	16.31	7.47	13.59	12.15	3.55	5.39	11.51	16.87	174.39	5449.63
Phoenix-South Mountain	58,486	4.78	7.40	22.45	19.71	24.73	.85	35.17	8.33	2249.46	7310.75
Phoenix-South Mountain Park	12,096	5.09	4.50	3.14	4.29	.97	.26	5.03	10.04	3024.00	2016.00
Phoenix-Southeast	55,331	21.04	5.56	10.34	7.59	1.19	.92	5.66	16.39	970.32	3073.94
Phoenix-Southwest	18,711	2.37	4.91	9.91	5.41	4.56	.70	15.26	1.84	6237.00	9355.50
Phoenix-Southwest Central	12,287	6.65	8.59	25.88	36.41	16.20	1.20	64.50	9.16	1023.92	NP
Phoenix-Southwest Outlying	8,690	5.13	7.53	16.34	8.04	4.66	1.09	26.10	5.07	1738.00	NP
Phoenix-Capitol	29,041	10.54	8.57	23.00	41.17	12.04	5.57	47.28	9.29	237.97	29041.00
Phoenix-Sunnyslope	33,056	13.36	7.59	14.68	11.04	.97	1.36	6.18	10.95	1180.57	16528.00
Phoenix-Union Hills	44,361	12.64	5.70	8.31	6.59	1.00	.37	4.58	5.92	14787.00	11090.25
Phoenix-West Central	47,225	7.53	7.25	21.89	16.21	4.65	1.26	40.94	9.99	5903.13	15741.67
Salt River/Salt River Indian Reservation	5,011	4.71	3.34	28.50	28.00	.08	73.20	8.68	14.37	NP	NP
Scottsdale-Central	34,215	28.47	4.54	4.73	4.14	.38	.14	2.02	13.12	1629.29	5702.50
Scottsdale-North	15,395	2.82	4.75	3.44	7.78	.40	.12	1.72	5.40	641.46	3079.00
Scottsdale-South	58,405	25.84	4.43	10.12	6.27	.59	.64	4.62	17.37	526.17	7300.63
Sun City	37,523	1159.42	6.52	13.04	3.75	.20	.02	.47	76.81	658.30	18761.50
Tempe-Central	44,835	7.87	5.10	8.60	7.07	2.60	.65	6.06	7.31	574.81	3448.85
Tempe-North	48,348	6.96	5.66	12.76	21.40	2.96	1.30	11.05	4.44	3021.75	12087.00
Tempe-South	37,051	9.27	4.96	11.18	9.94	2.07	6.11	18.46	3.84	2646.50	3705.10
Tolleson	4,416	6.09	5.66	21.89	19.14	.66	.75	70.95	7.25	2208.00	4416.00
Tonto National Forest	905	8.43	0.00	0.00	8.50	.11	0.00	1.66	24.42	NP	NP
Villa De Paz	4,512	2.41	3.83	8.85	9.52	1.55	.38	10.84	5.52	NP	NP
Wickenburg	4,008	17.40	7.59	16.17	10.21	.02	.55	5.96	28.32	NP	4008.00
Wickenburg Surrounding	5,484	18.07	8.07	23.92	12.69	.49	.89	14.46	17.65	NP	NP
Williams Air Force Base	3,082	.28	4.28	8.06	11.56	11.94	.16	8.57	.36	770.50	NP
Pima	624,720	6.05	5.99	12.96	12.23	2.90	2.51	21.02	12.54	908.02	3786.18
Ajo	4,870	4.54	5.11	20.94	25.01	.60	12.09	50.70	15.30	2435.00	NP
Arivaca	9,738	3.61	6.12	13.92	9.50	.20	9.70	18.10	18.50	9738.00	NP
Catalina	3,197	2.94	5.24	11.30	13.39	.59	1.00	8.51	12.01	NP	1065.67
Continental	9,035	3.33	6.18	14.70	15.10	3.60	1.29	26.90	9.00	903.50	NP
Davis Monthan Air Force Base	6,691	5.89	4.98	4.01	11.10	14.09	.70	9.21	.19	3345.50	6691.00
Green Valley	12,606	2.58	5.92	15.38	2.70	.30	.10	1.00	69.00	1260.60	NP
Kino	13,933	2.91	5.83	4.49	5.30	.90	.30	8.40	7.30	4644.33	4644.33
Marana	11,744	3.82	7.39	15.60	14.20	1.70	2.90	16.70	7.30	5872.00	2936.00
Oro Valley	15,714	2.89	4.50	4.34	4.90	.80	.50	9.20	7.10	3142.80	2619.00
Pascua Yaqui Indian Reservation	10,812	3.85	6.53	15.14	16.60	2.20	9.10	37.40	4.30	5406.00	5406.00
San Xavier Indian Reservation	935	.62	4.98	28.26	19.36	.11	96.36	3.96	5.45	311.67	NP
Summer Haven	17,173	43.41	3.82	5.46	3.50	.80	.40	5.50	5.30	5724.33	2862.17
Tohono O'odham Indian Reservation	7,284	9.47	4.95	23.09	50.21	.10	96.99	1.30	6.49	1040.57	2428.00
Tucson-Central	15,387	5.38	6.57	22.90	33.00	5.90	2.20	68.00	13.80	5132.33	5132.33
Tucson-East	84,288	3.82	5.61	9.63	5.40	2.60	.40	7.80	12.20	1027.90	4436.21
Tucson-East Central	48,268	4.71	6.28	12.79	4.60	3.40	.70	12.70	15.70	419.72	3217.87
Tucson-Far East	18,037	3.19	4.42	6.70	4.90	2.80	.20	7.80	5.50	18037.00	4509.25
Tucson-Foothills	45,053	3.06	4.85	5.35	3.70	.70	.30	5.10	15.00	1407.91	1407.91
Tucson-North	53,382	4.99	5.99	9.93	15.70	2.00	.70	10.50	13.00	643.16	2669.10
Tucson-Northwest	48,396	4.24	6.40	16.27	16.70	2.30	2.00	17.20	16.30	1308.00	8066.00
Tucson-South	82,473	4.59	6.96	18.36	17.60	3.30	2.30	58.40	8.20	1268.81	27491.00
Tucson-South Central	24,755	4.85	7.05	15.27	17.40	7.80	1.20	38.80	12.50	2250.46	3536.43
Tucson-University District	31,677	4.69	5.63	9.11	27.10	5.00	.80	10.30	10.10	178.91	3166.70
Tucson-West	37,079	3.46	5.68	11.29	8.00	3.80	.70	27.60	13.20	1158.72	2317.44
Vail	11,204	3.40	5.77	7.33	5.10	4.70	.60	13.60	3.30	NP	5602.00
Why	989	3.90	0.00	9.99	21.03	.40	5.66	32.25	15.17	NP	NP

NP=No Provider

All health status data, except for the U.S., are 1981-1985 five year averages calculated from Arizona Vital Record information.

Sociodemographic data for Pima County are a 1985 estimate based on the Pima County Council of Governments' projections and the 1980 census.

Sociodemographic data for Maricopa County are from the 1985 special census.

Sociodemographic data for the U.S., Statewide, Rural Counties and Urban Counties are from the 1980 census.

Provider data are from the *Arizona Rural Health Provider Atlas (1987)* by Rena Gordon, University of Arizona Rural Health Office.

Appendix B

Descriptions of Census Areas

(Physical boundaries of each census area are described by listing the northwesternmost boundary and moving clockwise until the area has been circumscribed. Abbreviations for Street, Avenue, Drive, etc. have been deleted to save space, except where they are needed for clarification.)

MARICOPA COUNTY

	Area Name	1980 Census	1985 Census	Boundaries
1.	Avondale/Goodyear	0612.00 0613.00 0614.00	0612.00 0613.00 0614.00	Van Buren/Dysart/McDowell Agua Fria River/Lower Buckeye Rd./ Litchfield/Buckeye/Bullard
2.	Buckeye	0507.00	0507.00	Southern/Watson/Beloat/Rooks
3.	Buckeye (Surrounding)	0506.00	0506.00	Bell/Perryville/Gila River/ County Line
4.	Cashion	0822.01 0822.02	0822.01 0822.02	Buckeye/83rd Ave./Gila River Agua Fria River
5.	Cave Creek	0304.00	0304.00	Tonto Natl. Forest bndry./ Pima/Carefree Hwy./Cave Creek
6.	Chandler (North)	4222.01	4222.09 4222.10 4222.11	Western Canal/Arizona/Warner Price
7.	Chandler (South)	5229.00 5230.01 5230.02 5231.01 5231.02	5229.00 5230.03 5230.04 5230.02 5231.01 5231.02	Warner/McQueen/Pecos/Dobson
8.	Chandler (West)	5227.02	5227.05 5227.06 5227.07 5227.08	Warner/Dobson/Pecos/Arizona/ County Line/Price/Pecos/I-10
9.	Chandler Hts.	5227.01	5227.03 5227.04	Warner/Ellsworth/Ray/County Line/County Line/Arizona/ Pecos/McQueen
10.	Deer Valley	0303.10	0303.26 0303.27 0303.28 0303.29	County Line/Cave Creek/Carefree Hwy./Scottsdale/Pinnacle Peak/ Cave Creek/51st Ave./Bell
11.	East County	4201.01 4201.02 4201.03 4226.01 4226.04 4226.05 4226.06	4201.01 4201.02 4201.03 4226.01 4226.04 4226.05 4226.06	Indian School/County Line/Ray/ Ellsworth /Warner/Greenfield/ Baseline/Power
12.	El Mirage Surprise Youngtown	0608.00 0609.00 0716.00	0608.00 0609.00 0716.00	Bell/Agua Fria River/Grande/ Surprise 111th Ave./Peoria/Agua Fria River/Youngtown Cactus/El Mirage/Waddell/Dysart
13.	Fountain Hills	2168.05	2168.05	McDowell Mtn. Park bndry./Fort McDowell Res. Bndry./Salt River Res. bndry./Scottsdale City Limits
14.	Gila Bend/Gila Bend I.R.	7233.00	7233.00	Gila River/County Line/County Line/County Line
15.	Gila River I.R.	6232.00	6232.00	
16.	Gilbert	4224.00	4224.00	Guadalupe/Lindsay/Warner/Cooper
17.	Glendale (East)	0923.01 0923.02 0923.03 0924.00 0925.00 0926.00 0928.00 0929.00 0930.00 0931.01 0931.02	0923.04 0923.05 0923.06 0923.07 0923.08 0923.09 0924.00 0925.00 0926.00 0928.00 0929.00 0930.00 0931.01 0931.02	Peoria/43rd Ave./Camelback/67th Ave./Northern/75th Ave./Olive/ 67th Ave.
18.	Glendale (North)	1042.09 1042.10 1042.13	1042.14 1042.15 1042.16 1042.17 1042.20 1042.21 1042.22	Bell/51st Ave./Arizona Canal/ Peoria/67th Ave.
19.	Glendale (West)	0927.01 0927.02 0927.03	0927.01 0927.02 0927.03	Olive/75th Ave./Northern/67th Ave./Bethany Home/75th Ave./ Camelback/Agua Fria River
20.	Laveen	1155.00 1156.00 1157.00	1155.00 1156.00 1157.00	Broadway/7th Ave./Phoenix S. Mountain Park Bndry./Gila River IR bndry.

	Area Name	1980 Census	1985 Census	Boundaries
		1166.01	1166.01	
		1166.02	1166.02	
21.	Litchfield Park	0610.02	0610.02	Camelback/Dysart/Thomas/Bullard
22.	Luke AFB	0611.00	0611.00	
23.	Mesa/Gilbert	4222.02	4222.07	Southern/Gilbert/Baseline/
			4222.08	Arizona/Western Canal/Price/
		4222.03	4222.03	Tempe Canal
		4222.04	4222.04	
		4222.05	4222.05	
		4222.06	4222.06	
		4223.00	4223.01	
			4223.02	
			4223.03	
24.	Mesa (Central)	4207.02	4207.02	University/Lindsay/Apache
		4217.00	4217.00	Trail/Greenfield/Warner/
		4225.00	4225.01	Lindsay/Guadalupe/Gilbert
			4225.02	
			4225.03	
			4225.04	
			4225.05	
25.	Mesa (East)	4202.03	4202.03	University/Power/Baseline/
		4226.02	4226.02	Greenfield
		4226.03	4226.03	
26.	Mesa (N. Central)	4203.00	4203.00	Salt River IR/Greenfield/
		4204.00	4204.00	University/Gilbert/Brown/
		4206.01	4206.03	Cooper/McKellips/Arizona
			4206.04	
		4206.02	4206.02	
		4207.01	4207.03	
			4207.04	
27.	Mesa (Northeast)	4202.01	4202.04	Salt River IR/Power/University/
			4202.05	Greenfield
		4202.02	4202.02	
28.	Mesa (West)	4205.00	4205.01	Salt River IR/Arizona/
			4205.02	McKellips/Cooper /Brown/
		4208.00	4208.00	Gilbert/Southern/Tempe Canal/
		4209.01	4209.01	University/Evergreen
		4209.02	4209.02	
		4210.00	4210.00	
		4211.01	4211.01	
		4211.02	4211.02	
		4212.01	4212.01	
		4212.02	4212.02	
		4213.01	4213.01	
		4213.02	4213.02	
		4214.00	4214.00	
		4215.01	4215.01	
		4215.02	4215.02	
		4216.01	4216.01	
		4216.02	4216.02	
		4218.01	4218.01	
		4218.02	4218.02	
		4219.01	4219.01	

	Area Name	1980 Census	1985 Census	Boundaries
		4219.02	4219.02	
		4220.01	4220.01	
		4220.02	4220.02	
		4221.01	4221.05	
			4221.06	
		4221.02	4221.02	
		4221.03	4221.03	
		4221.04	4221.04	
29.	Paradise Valley (East)	1050.01	1050.01	Shea/52nd St./Mountain View/
		1050.02	1050.02	Scottsdale /Chaparral/64th St./
		1051.03	1051.03	Paradise Valley Town Limits/
				McDonald/40th St./Arizona
				Canal/36th St./Lincoln/40th
				St./Phoenix City Limits/
				Mockingbird/Tatum Blvd.
30.	Paradise Valley (West)	1051.02	1051.02	Northern/Phoenix Mountain
		1064.00	1064.00	Preserve bndry./36th St./
		1077.00	1077.00	Camelback/16th St.
		1078.00	1078.00	
31.	Peoria	0715.01	0715.01	Bell/67th Ave./Olive/107th
	Liberty	0715.02	0715.02	Ave./Grande /99th Ave.
		0718.00	0718.00	
		0719.01	0719.03	
			0719.04	
			0719.05	
		0719.02	0719.06	
			0719.07	
32.	Perryville	0610.01	0610.01	Bell/Dysart/Waddell/El Mirage/
				Cactus/Agua Fria River/Gila
				River/Perryville (except
				Avondale, Litchfield Park, Luke
				AFB).
33.	Phoenix (Adobe)	0303.08	0303.22	Skunk Creek/Black Canyon Hwy./
			0303.23	Bell/43rd Ave./Union Hills/51st
			0303.24	Ave.
			0303.25	
		0303.09	0303.09	
34.	Phoenix (Alhambra)	1068.00	1068.00	Glendale/19th Ave/Indian
		1069.00	1069.00	School/43rd Ave.
		1070.00	1070.00	
		1071.00	1071.00	
		1072.00	1072.00	
		1073.00	1073.00	
		1090.00	1090.00	
		1091.00	1091.00	
		1092.00	1092.00	
35.	Phoenix (Central)	1053.00	1053.00	Dunlap/7th St./Northern/18th
		1054.00	1054.00	St./Camelback/19th Ave.
		1061.00	1061.00	
		1062.00	1062.00	
		1063.00	1063.00	
		1065.00	1065.00	
		1066.00	1066.00	
		1067.00	1067.00	

Area Name	1980 Census	1985 Census	Boundaries
	1074.00	1074.00	
	1075.00	1075.00	
	1076.00	1076.00	
36. Phoenix (Maryvale)	1093.00	1093.00	Camelback/43rd Ave./McDowell/ 75th Ave./Thomas/83rd Ave./ Indian School/75th Ave.
	1094.00	1094.00	
	1095.00	1095.00	
	1096.02	1096.02	
	1097.00	1097.01	
		1097.02	
	1098.00	1098.00	
	1099.00	1099.00	
	1100.00	1100.00	
	1123.00	1123.00	
	1124.00	1124.00	
	1125.02	1125.02	
	1125.03	1125.03	
37. Phoenix (N. Central)	1036.01	1036.01	Bell/Cave Creek Rd./Roberts/7th St./Thunderbird/I-17.
	1036.02	1036.04	
		1036.05	
	1036.03	1036.03	
38. Phoenix (N.E.)	1032.04	1032.10	Bell/Scottsdale/Cactus/60th St./Cholla /64th St./Mountain View/52nd St./Shea /40th St.
		1032.11	
		1032.12	
		1032.13	
	1032.05	1032.05	
	1032.06	1032.06	
	1032.07	1032.07	
	1032.08	1032.08	
	1032.09	1032.09	
39. Phoenix (N.E. Central)	1033.02	1033.02	Bell/40th St./Shea/Tatum/ Mockingbird/Phoenix Mountain Preserve N. Bndry./Northern/ Hatcher/16th St./Cave Creek Rd.
	1033.03	1033.03	
	1032.04	1033.04	
	1034.00	1034.00	
	1035.01	1035.01	
	1035.02	1035.02	
	1048.01	1048.01	
	1048.02	1048.02	
	1049.00	1049.00	
	1051.01	1051.01	
40. Phoenix (N.E. Outlying)	0303.06	0303.16	Pinnacle Peak/Scottsdale/Bell/ Cave Creek Rd.
		0303.17	
41. Phoenix (N.W.)	1039.00	1039.00	Bell/I-17/Thunderbird/19th Ave./Cactus /51st Ave.
	1040.00	1040.00	
	1041.00	1041.00	
	1042.02	1042.02	
	1042.07	1042.07	
	1042.08	1042.08	
	1042.11	1042.18	
		1042.19	
	1042.12	1042.12	
42. Phoenix (N.W. Central)	1042.03	1042.03	Cactus/19th Ave./Glendale/43rd Ave./Arizona Canal
	1042.04	1042.04	
	1042.05	1042.05	
	1042.06	1042.06	
	1043.00	1043.00	

Area Name	1980 Census	1985 Census	Boundaries
	1044.00	1044.00	
	1055.00	1055.00	
	1056.00	1056.00	
	1057.00	1057.00	
	1058.00	1058.00	
	1059.00	1059.00	
	1060.00	1060.00	
43. Phoenix (Papago Park)	1112.01	1112.01	Thomas Road/56th St./Papago Park bndry./Van Buren/16th St.
	1112.02	1112.02	
	1113.00	1113.00	
	1114.00	1114.00	
	1115.00	1115.00	
	1116.00	1116.00	
	1133.00	1133.00	
	1134.00	1134.00	
	1135.00	1135.00	
	1136.00	1136.00	
	1137.00	1137.00	
44. Phoenix (Sky Harbor Airport)	1138.00	1138.00	Van Buren/56th St./Phoenix City Limits/48th St./Sky Harbor Airport bndry./24th St.
	1139.00	1139.00	
	1151.00	1151.00	
45. Phoenix (S. Central)	1086.00	1086.00	Camelback/16th St./McDowell/ 19th Ave.
	1087.00	1087.00	
	1088.00	1088.00	
	1089.00	1089.00	
	1104.00	1104.00	
	1105.00	1105.00	
	1106.00	1106.00	
	1117.00	1117.00	
	1118.00	1118.00	
	1119.00	1119.00	
46. Phoenix (S. Mountain)	1152.00	1152.00	I-17/Sky Harbor S. Bndry./56th St./S. Mountain Park (N. bndry.)/7th Ave.
	1153.00	1153.00	
	1154.00	1154.00	
	1158.00	1158.00	
	1159.00	1159.00	
	1160.00	1160.00	
	1161.00	1161.00	
	1162.02	1162.02	
	1162.03	1162.03	
	1162.04	1162.04	
	1163.00	1163.00	
	1164.00	1164.00	
	1165.00	1165.00	
	1167.02	1167.02	
	1167.03	1167.03	
	1167.04	1167.04	
	3197.03	3197.03	
	3197.04	3197.04	
47. Phoenix (S. Mountain Park)	1167.05	1167.05	Phoenix South Mountain
	1167.06	1167.07	
		1167.08	
		1167.09	
48. Phoenix (S.E.)	1079.00	1079.00	Camelback/32nd St./Arizona Canal/40th St./McDonald/Phoenix City Limits/64th St./Calle
	1080.00	1080.00	
	1081.00	1081.00	

	Area Name	1980 Census	1985 Census	Boundaries
		1082.00	1082.00	Redondo/60th St./Thomas/16th St.
		1083.00	1083.00	
		1084.00	1084.00	
		1085.00	1085.00	
		1107.00	1107.00	
		1108.00	1108.00	
		1109.00	1109.00	
		1110.00	1110.00	
		1111.00	1111.00	
49.	Phoenix (S.W.)	0820.03	0820.03	Camelback/75th Ave./Indian School/83rd Ave./Thomas Rd./91st Ave.
		0820.04	0820.04	
		1096.01	1096.01	
50.	Phoenix (S. W. Central)	1147.00	1147.00	Buckeye/16th St./I-17/7th Ave./Broadway/35th Ave.
		1148.00	1148.00	
		1149.00	1149.00	
		1150.00	1150.00	
51.	Phoenix (S.W. Outlying)	1125.04	1125.05	Thomas/75th Ave./McDowell/43rd Ave./Buckeye/35th Ave./Broadway/43rd Ave./Southern/83rd Ave.
			1125.06	
52.	Phoenix (State Capital)	1129.00	1129.00	McDowell/16th St./Buckeye/19th Ave.
		1130.00	1130.00	
		1131.00	1131.00	
		1132.00	1132.00	
		1140.00	1140.00	
		1141.00	1141.00	
		1142.00	1142.00	
		1143.00	1143.00	
53.	Phoenix (Sunnyslope)	1037.00	1037.00	Thunderbird/7th St./Roberts/Cave Creek Rd./Peoria Ave./7th St./Dunlap/19th Ave.
		1038.00	1038.00	
		1045.00	1045.00	
		1046.00	1046.00	
		1047.00	1047.00	
		1052.00	1052.00	
54.	Phoenix (Union Hills)	0303.02	0303.02	Pinnacle Peak/Cave Creek Rd./Bell/I-17.
		0303.03	0303.03	
		0303.04	0303.04	
		0303.05	0303.14	
			0303.15	
		0303.07	0303.18	
			0303.19	
			0303.20	
			0303.21	
55.	Phoenix (W. Central)	1101.00	1101.00	Indian School/19th Ave./Buckeye/43rd Ave.
		1102.00	1102.00	
		1103.00	1103.00	
		1120.00	1120.00	
		1121.00	1121.00	
		1122.00	1122.00	
		1126.00	1126.00	
		1127.00	1127.00	
		1128.00	1128.00	
		1144.00	1144.00	
		1145.00	1145.00	
		1146.00	1146.00	

	Area Name	1980 Census	1985 Census	Boundaries
56.	Salt River I.R. Fort McDowell I.R.	0202.00	0202.00	
57.	Scottsdale (Central)	2168.02	2168.02	Shea/Pima/Chaparral/Scottsdale
		2168.03	2168.06	
			2168.07	
			2168.08	
		2169.00	2169.01	
			2169.02	
		2170.01	2170.01	
		2170.02	2170.02	
58.	Scottsdale (North)	2168.04	2168.09	Tonto National Forest (S. W. bndry.)/Salt River Res. (N. bndry.)/Pima/Shea/Hayden/Cactus/Scottsdale
			2168.10	
			2168.11	
59.	Scottsdale (South)	2171.01	2171.01	Chaparral/Pima/Fillmore/84th St./Van Buren/Scottsdale/Continental/66th St./McDowell/64th St./Oak/56th St./60th St./Calle Rendondo/64th St.
		2171.02	2171.02	
		2172.01	2172.01	
		2172.02	2172.02	
		2173.00	2173.00	
		2174.00	2174.00	
		2175.00	2175.00	
		2176.00	2176.00	
		2177.00	2177.00	
		2178.00	2178.00	
		2179.00	2179.00	
		2180.00	2180.00	
		2181.00	2181.00	
		2182.00	2182.00	
		2183.00	2183.00	
60.	Sun City	0303.11	0303.11	Beardsley/99th Ave./Union Hills/91st/Bell/99th Ave./Grande/107th Ave./Olive/Agua Fria River/Peoria Rd./111th Ave./Grande/Agua Fria River
		0303.12	0303.12	
		0303.13	0303.13	
		0715.03	0715.03	
		0715.04	0715.04	
		0715.05	0715.05	
		0717.00	0717.00	
61.	Tempe (Central)	3194.01	3194.01	Broadway/Tempe Canal/Baseline/56th St.
		3194.02	3194.02	
		3194.03	3194.03	
		3194.04	3194.04	
		3195.00	3195.00	
		3196.00	3196.00	
		3197.02	3197.02	
		3198.00	3198.00	
62.	Tempe (North)	3184.00	3184.00	Papago Park (S.E. bndry.)/66th St./Continental/Scottsdale/Van Buren/Hayden /Tempe city limits/Evergreen/University/Tempe Canal/Broadway/56th St.
		3185.01	3185.01	
		3185.02	3185.02	
		3186.00	3186.00	
		3187.00	3187.00	
		3188.00	3188.00	
		3189.00	3189.00	
		3190.00	3190.00	
		3191.00	3191.00	
		3192.00	3192.00	
		3193.00	3193.00	

	Area Name	1980 Census	1985 Census	Boundaries
63.	Tempe (South)/ Guadalupe	3199.02 3199.03 3199.04 3199.05 3199.06 3199.07 3199.08 3200.01 3200.02	3199.02 3199.03 3199.04 3199.05 3199.06 3199.07 3199.08 3200.01 3200.02	Baseline/Price/Warner/I-10.
64.	Tolleson	0821.00	0821.00	McDowell/83rd Ave./Buckeye/99th Ave.
65.	Tonto National Forest	0101.00	0101.00	
66.	Villa de Paz	0820.01 0820.02	0820.01 0820.02	Camelback/91st Ave./Thomas/83rd Ave./McDowell/99th Ave./ Buckeye/Agua Fria River
67.	Wickenburg	0405.02	0405.02	County Line/Hassayampa/City Limits/Vista Dr./Cholla
68.	Wickenburg (Surrounding)	0405.01	0405.01	County Line/Agua Fria River/ Deer Valley/Hwy. 60/89/Bell/ County Line
69.	Williams AFB	5228.00	5228.00	

PIMA COUNTY

	Area Name	1980 Census	Boundaries
1.	Ajo	50.00	Rasmussen/Trail Rd. 1/Ajo/Gila Reno Hwy.
2.	Arivaca Arivaca Junct. San Xavier Sasabe Three Points	43.05	State Hwy. 86/San Xavier I.R. (W and S boundries) US Hwy. 89/ Duvall Mine Rd./Continental/ Camino del Sol/Continental/ Southern Pacific R.R./County Line/Tohono O'odham I.R. (E. bndry.)
3.	Catalina	47.07	County Line/Sabino Canyon/Oracle/ Mt. Lemon/Pantano/Coronado Natnl. Forest bndry./Tucson-Florence Hwy./ Big Wash
4.	Continental Greaterville Madera Canyon	41.02	Ajo Way/Davis/Monthan AFB (W. bndry.)/Wilmot/I-10/County Line/ County Line/S. Pacific R.R./ Sahuarita Continental/Santa Cruz River/U.S. Hwy. 89/San Xavier I.R. (E. bndry.)/Valencia Rd./I-10.
5.	Davis Monthan AFB	36.00	
6.	Green Valley	43.03	Duvall Mine Rd./Santa Cruz R./ Continental / Camino del Sol/ Continental
7.	Kino Naviska	46.06	County Line/Big Wash/Tucson/ Florence Hwy./Canada del Oro Wash/Overton/Tangerine/Ina/ Camino de la Tierra/I-10.
8.	Marana Cortaro Rillito Saguaro Silver Bell	44.05	County Line/I-10/Valley/Quarry/ Twin Peaks/Scenic/Kinney/State Hwy. 86./Tohono O'odham I.R. (E. bndry.)
9.	Oro Valley	46.05	Overton/Canada del Oro Wash/ Tucson-Florence Hwy./Magee/ La Cholla/Rillito R./El Camino de la Tierra/Ina/Thornydale
10.	Pascua Yaqui Indian Reservation	43.04	
11.	San Xavier Indian Reservation	42.00	
12.	Summerhaven	40.16	County Line/St. Hwy. 76/ Reddington/Tanque Verde Wash/ Sabino Canyon/Oracle/Mt. Lemmon
13.	Tohono O'odham Indian Reservation	48.00	
14.	Tucson (Central)	1.00 2.00 3.00 9.00 10.00 11.00	Speedway/I-10/Mabel/9th Ave./ Pima Cty. Comm. Coll. bndry./ Ash/R.R. Tracks/9th Ave./Toole/ 3rd Ave./16th St./4th Ave./S. Tucson (N. bndry)/12th Ave./ 22nd St./I-10/Mission/Santa Cruz R./ Congress St./Mission Rd./Cedar St./Silverbell
15.	Tucson (East)	33.02 40.01 40.04 40.08 40.09 40.10 40.11 40.12 40.13 40.14 40.15 40.20 40.21 40.22	Tanque Verde Wash/Harrison/Golf Links /Pantano Wash/Escalante/ DMAFB (E. bndry.)/Wilmot/Tanque Verde/Pantano Wash.
16.	Tucson (E. Central)	29.04 30.01 30.02 31.02 33.01 34.00	Fort Lowell/Craycroft/Pantano Wash/Tanque Verde/Wilmot/DMAFB bndry./Freedom Park (E.N.W. boundries) DMAFB bndry./ Alvernon/Elmwood St./Irving/ Kings/Columbus/Whitman St./10th

Area Name	1980 Census	Boundaries
	35.01 35.02 35.03 35.04	St./Swan/5th St./Rosemont/1st St./Swan
17. Tucson (Far East)	40.17 40.18	Tanque Verde/Reddington/ Coronado Natl. Forest bndry./ Speedway/Freeman/Broadway/ Saguaro Natl. Monument bndry./ Escalante/Pantano Wash
18. Tucson (Foothills)	46.03 46.04 47.03 47.04 47.05 47.06	Magee/Tucson/Florence Hwy./ Coronado Natl. Forest bndry./ Pantano/Sabino Canyon Rd./ Tanque Verde Wash/Rillito River/La Cholla Blvd.
19. Tucson (North)	17.00 18.00 26.02 27.00 28.00 29.01 29.03 31.01 32.00	Prince/Tanque Verde Wash/ Craycroft/Fort Lowell/Swan/1st St./Venice/3rd St./Columbus/1st St./Alvernon/2nd St./Ritchie/ 3rd St./Miramante/2nd St./ Country Club/Edison/Tucson Blvd.
20. Tucson (N.W.)	12.00 13.01 13.02 26.01 45.04 45.05 45.06 45.07 45.08 45.09	Rillito River/Mountain/Roger/ Park/Pastime/Los Altos/ Geronimo/Grant/Silverbell/ Sweetwater/I-10.
21. Tucson (South)	22.00 23.00 24.00 25.01 25.02 37.01 37.02 37.03 38.00 39.00 41.03 41.04	Congress/Santa Cruz River/ Mission/I-10/22nd St./12th Ave./25th St./Southern Pacific R.R./24th St./Cherry Bell/ Campbell/I-10/Valencia/Southern Pacific R.R./San Xavier Res. (N.E. bndry.)/Mission
22. Tucson (S. Central)	7.00 8.00 19.00 20.00 21.00	10th St./Martin/9th St./Tucson/ 5th St./Country Club/2nd St./ Miramante/3rd St./Ritchie/5th St./Alvernon/Ajo/Cambell/ Cherry Bell/24th St./Southern Pacific R.R./25th St./4th Ave./16th St./3rd Ave./Toole/4th Ave.
23. Tucson (University)	4.00 5.00 6.00 14.00 15.00 16.00	Glenn/Tucson/Edison/Country Club/5th St./Tucson/ 9th St./Martin/10th St./ 4th Ave./Toole/9th Ave./ Ash/R.R. tracks/9th Ave./ Mabel /6th Ave./Geronimo/ Alturas/Los Altos
24. Tucson (West)	43.01 44.01 44.03 44.04	I-10/Sweetwater/Silverbell/ Mission/San Xavier Res.(N. bndry.)/Valencia/Camino de Oeste/State Hwy. 86/Kinney/Scenic/ Twin Peaks/Quarry/Valley
25. Vail	40.19	County Line (N)/County Line (E)/ I-10/Wilmot/DMAFB S.E. bndry./ E. Escalante/Pantano Wash/ Escalante/Saguaro Monument bndry./Broadway/Freeman/ Speedway/Forest bndry./ State Hwy 76.
26. Why	49.00	County Line (N)/Tohono O'odham I.R. (W. bndry.)/County Line (S)/ County Line (W) (except town of Ajo/ see # 1).